Mac format ISSUE 222 Summer 2010

> Power up iTunes > The fastest ever MacBook Pro - reviewed! > Lock down your Mac > Group test: Easy DTP packages

Printed in the UK

All your Apple needs

Mac FORMAT

>Mac >iPhone >iPad
>Issue 222 Summer 2010

20 GREAT MAC, iPOD & iPHONE TIPS AND TRICKS!

Do the things Apple won't let you do! p58

MACFORMAT ESSENTIALS

84 PAGES OF ADVICE!

The UK's no. 1 Mac magazine

Add class to your photos

Learn Photoshop tips and tricks

Quickly find iMovie clips

Use keywords to speed searches

Better ways to use OS X

How to master the Services menu

THE LATEST KIT REVIEWED

- > My Book Studio 2TB
- > Olympus PEN E-PL1
- > Crossover Mac 9

AND MUCH MORE!

MacBook Pro

ALL NEW! The *fastest ever* MacBook Pro tried and tested!

Power up iTunes

Add unmissable extras to your Mac's favourite media player!

INVESTIGATED

Games are back!

Why developers love the Mac

Welcome to 1Password

Secure your Mac

Keep all files safe and secure

REVIEWED

iWork on the iPad

Hands-on with Apple's suite

DISC INSIDE!

- > **Twit Menulet 6** A great Twitter client for the Mac
- > **Sudoku Epic 4.5** Play Sudoku on your Mac today!

techradar.com

Future MEDIA WITH PASSION

SUMMER 2010 £5.99 £6 OUTSIDE UK & ROI

26>

9 771353 851021

HyperMac Nano
HyperMac

10 different colors, 3 different sizes
Recharge the iPhone 1.5/3/6 times

HyperMac™ Battery Pack for iPhone, iPod, iPad, USB devices

HyperMac™ for MacBook, MacBook Pro/Air

Power your MacBook up to 34 hours!
Or recharge the iPad up to 9 times!

Visit > hypermac.eu/mf
Call > +31-(0)-26-4720801

HyperMac Nano
1800mAh
Recharge iPhone 1.5X

HyperMac Micro
3600mAh
Recharge iPhone 3X

HyperMac Mini
7200mAh
Recharge iPhone 6X

HyperMac 60Wh
Extend up to 14 hours

HyperMac 100Wh
Extend up to 19 hours

HyperMac 150Wh
Extend up to 25 hours

HyperMac 222Wh
Extend up to 34 hours

Car Charger
for MacBook

Photography by "Photographer of the Year" and HyperMac user, Michael Soo

© 2010 Sanho Corporation. Apple, iPhone, iPod, MacBook, MacBook Air, MagSafe are registered trademarks and iPad is a trademark of Apple, Inc. All rights reserved. The MagSafe cable and connector is manufactured by Apple, Inc. and modified to be compatible with HyperMac.

Welcome...

to MacFormat, the UK's No. 1 Mac magazine

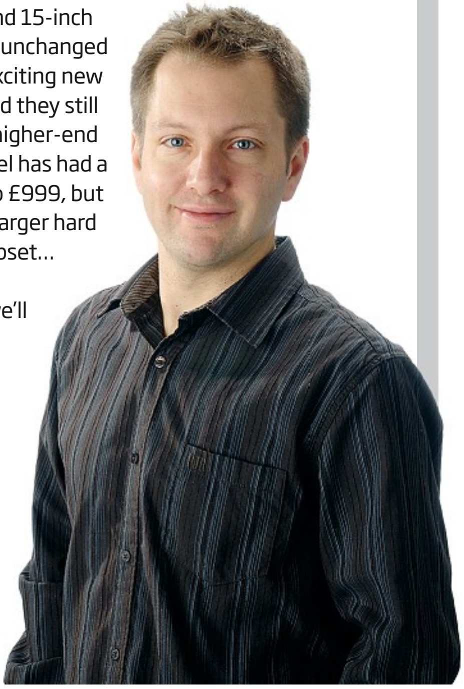
>> SUBSCRIBE!

Subscribe to *MacFormat* to **save 35%** on the newsstand price, and get a powermonkey-classic as well. **Turn to page 30 to sign up!**

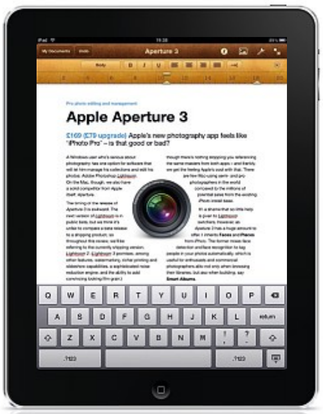
While the rest of the UK has had to wait with bated breath for the iPad to arrive, I've had one to play with for a month now. You can read all about how I got on with it on page 24 this issue. You won't be surprised to find out that I'm really rather impressed with this little device, but I won't spoil the feature for you by revealing everything here. Instead, let's get back to the Mac.

With all the media attention on the iPad we're in danger of forgetting that the Mac is still Apple's core business. An iPad is a great diversion, and a pleasure to use, but it's still the Mac that is at the heart of what Apple does, and it's the machine you turn to when you've got some proper work to do. It's good to see, despite all the fuss about the iPad, Apple is not neglecting the Mac. This issue we have reviews of the new 13- and 15-inch MacBook Pros. While they look unchanged on the outside, there's some exciting new technology under the hood, and they still cost roughly the same for the higher-end models. Sure, the 13-inch model has had a bit of a price hike, from £918 to £999, but you get twice as much RAM, a larger hard drive and the new graphics chipset... What's not to like?

See you next month when we'll be delving further into the delights of *iLife '09*.



Graham Barlow, Editor
graham.barlow@futurenet.com
twitter.com/MacFormat



>> THIS ISSUE'S HIGHLIGHTS

> Feedback
Your say on all things Apple **p20**

> Living with the iPad
Long-term test of Apple's tablet **p24**

> Power up iTunes
Better ways to play your music **p32**

> How to
Great tutorials for Mac users **p43**

> Games on the Mac
Why developers love Apple **p74**

> iWork for the iPad
Apple's *iWork* apps on test **p100**

>> MEET THE TEAM / YOUR MACFORMAT EXPERTS!

Christopher Phin

Deputy Editor

"It turns your iPad into what feels like a big clipboard – but your data is being recorded in an analysable way."

Christopher gets stuck into Numbers on the iPad p102

Ian Osborne

Reviews Editor

"If you've had your eye on a 15-inch MacBook Pro for a while now, this is the update you've been waiting for."

Ian goes hands-on with the powerful new Core i7 MacBook Pro p86

Christopher Brennan

OS X expert

"Keychain has been in the Mac OS since OS 8.6, which is quite a long time – more than 10 years, in fact. It's the app that keeps me lazy."

Chris shines a light on an OS X stalwart p65

Luis Villazon

Technical wizard

"Saying 'you can never be too careful' sounds like good advice, but do you go to work in a suit of armour, in case of bear attacks?"

Luis takes a view on Mac antivirus apps p78

Craig Grannell

Software guru

"One of the most exciting sections of the App Store is Photography – there are dozens of fantastic, affordable apps."

Craig knows how to edit photos on an iPhone p48

Mac FORMAT Contents

● NEWS & OPINION ● STEP-BY-STEP TUTORIALS ● LATEST REVIEWS ● MAC BUYERS' GUIDE

ISSUE AT A GLANCE

Do more with your Mac today

30 pages of great tutorials for improving your Mac skills **p43**

Answers to your Mac questions

Start here for some simple solutions to Mac problems **p78**

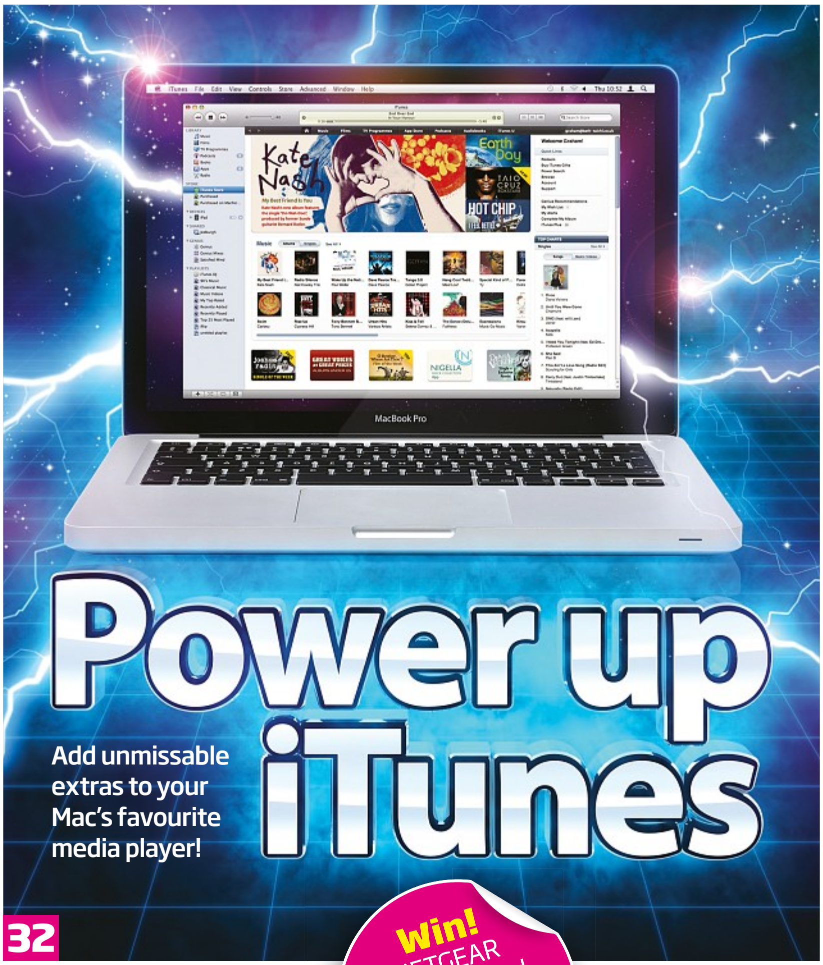
Discover the latest Apple kit

Read our verdict on new Apple hardware and software **p85**

Buyers' Guide

The best Mac & iPod products

Don't buy a new Mac until you've read our Buyers' Guide **p113**



Power up iTunes

Add unmissable extras to your Mac's favourite media player!

32

Win! NETGEAR network hard drives worth £1,000! **See p12**

Budget DTP apps

Desktop publishing on test **p108**

30 days of iPad

A month with Apple's device **p24**

GAMETOPIA
1UP
HALO'S BAR
CAGE FIGHTER
LINK'S TOWER

"The glorious success of the iPhone is bleeding over onto Apple's main systems"

GAMES COME HOME TO THE MAC P74

> Catalogue clips

Organise your iMovie videos **p50**

> Movies on the go

Take your videos on the road **p53**

"Takes shots comparable with far more expensive cameras"

OLYMPUS PEN E-PL1 P89

>> ON THE DISC

> RapidCart 1.0.15

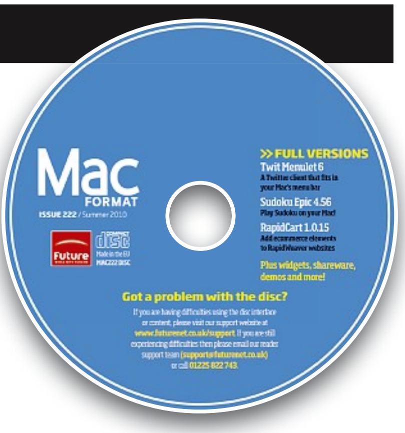
Ecommerce for RapidWeaver

> Twit Menulet 6

Microblog on your desktop

> Sudoku Epic 4

Number puzzles for the masses



Mac FORMAT
ISSUE 222 / Summer 2010

Made in the EU
MAC222 DISC

>> FULL VERSIONS
Twit Menulet 6
A Twitter client that fits in your Mac's menu bar
Sudoku Epic 4.56
Play Sudoku on your Mac!
RapidCart 1.0.15
Add ecommerce elements to RapidWeaver websites
Plus widgets, shareware, demos and more!

Got a problem with the disc?
If you are having difficulties using the disc interface or content, please visit our support website at www.futurenet.co.uk/support. If you are still experiencing difficulties then please email our reader support team (support@futurenet.co.uk) or call 01225 822 743.

Mac FORMAT
All your Apple needs
20 GREAT MAC, iPOD & iPHONE TIPS AND TRICKS!
Do the things Apple won't let you do! p58
>Mac >iPhone >iPad
>Issue 222 Summer 2010
MACFORMAT ESSENTIALS
84 PAGES OF ADVICE!
The UK's no. 1 Mac magazine
Add class to your photos
Learn Photoshop tips and tricks
Quickly find iMovie clips
Use keywords to speed searches
Better ways to use OS X
How to master the Services menu
THE LATEST KIT REVIEWED
> My Book Studio 2TB
> Olympus PEN E-PL1
> Crossover Mac 9
AND MUCH MORE!
ALL NEW! The fastest ever MacBook Pro tried and tested!
Power up iTunes
Add unmissable extras to your Mac's favourite media player!
INVESTIGATED
Games are back!
Why developers love the Mac
Secure your Mac
Keep all files safe and secure
REVIEWED
iWork on the iPad
Hands-on with Apple's suite
DISC INSIDE!
> Twit Menulet 6 A great Twitter client for the Mac
> Sudoku Epic 4.5 Play Sudoku on your Mac today!
techradar.com

>> Regulars

Start-up
Hot Apple news **6**

Competition
Win NETGEAR network hard drives **12**

Me & My Mac
At home with a Mac **14**

I Use My Mac for…
My Radio 1 show **16**

Gadgets
Great new kit **18**

Feedback
Have your say **20**

One month with an iPad
What's it good for? **24**

Subscribe to MacFormat
Never miss an issue again! **30, 105**

Power up your iTunes usage
Take your media places it hasn't been before **32**

How to…
Improving Mac skills **43**

Mac gaming
Games on the Mac get a shot in the arm **74**

Q&A
Problems solved **78**

Reviews
Definitive tests **85**

Buyers' Guide
How to choose your new Mac **113**

Mac User Groups
Meet with others **128**

Disc pages
On your disc **129**

>> WHY NOT ALSO TRY?

Like *MacFormat*? Then you'll love our *MacFormat Presents…* series of special issues. **Turn to page 93 to find out more!**

THE COMPLETE GUIDE TO USING YOUR MAC!
Mac presents
The Essential Snow Leopard Handbook
Mac OS X 10.6

Start up

> NEWS & OPINION > INTERVIEWS > GADGETS > LETTERS

Apple's iPhone plans revealed

Mislaid pre-production fourth-generation iPhone tells us what to expect

Apple's fourth-generation iPhone has been 'leaked' – lost in a bar by a hapless Apple engineer and subsequently taken and sold to technology website, Gizmodo.

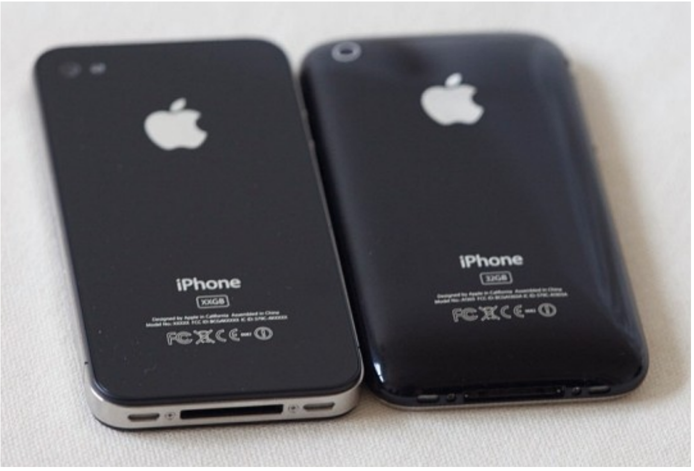
The device was found disguised inside a case that made it – on casual glance – look just like an iPhone 3GS. The finder opened the case to reveal the prototype, which was subsequently sold to Gizmodo for the tidy sum of $5,000. The site then reported on the device, landing itself in hot water with Apple when it did so.

Of course, while there's no guarantee the external design of the next-gen iPhone will be identical to the lost model, the found unit yielded the most likely iPhone 4G feature list yet.

Reporting on the device, the website remarked: "The overall quality feels exactly like a finished final Apple phone," noting Apple-branded components inside the device. *iTunes* also recognised the device when it was connected to a Mac, though was unable to update the iPhone.

Apple's reaction to Gizmodo's exclusive was swift. Apple's most senior legal chief immediately approached Gizmodo demanding return of the device. Apple's Senior VP and General Counsel, Bruce Sewell, warned: "It has come to our attention that Gizmodo is currently in possession of a device that belongs to Apple." Sewell said Apple considers the device to have been stolen once it was lost by 27-year-old Apple engineer, Gray Powell.

Journalist, Jason Chen, who was in possession of the iPhone, later had his apartment raided by the computer crimes unit of the California police, who seized four computers. Chen retained a criminal lawyer while his publisher, Gawker, hired a First Amendment specialist. Apple had



The lost iPhone prototype, sitting next to a regular iPhone 3GS
Image © GIZMODO.com

>> MORE NEWS
For even more on the Mac, iPod and iPhone visit
www.macformat.co.uk

APPLE IN PICTURES / Bathrobe, Bible… and iPad!

THE BERKELEY

COME BACK TO MY iPAD?
The iPad may have only just gone on sale, but The Berkeley in Knightsbridge, has been loaning them to lucky guests for weeks.

earlier visited and asked permission to search Hogan's address.

Investigation revealed student Brian Hogan found the prototype, while another student sold the device after contacting various technology sites to arrange a deal.

With the exception of Gizmodo, tech sites rejected the approach, concerned about the legality of purchasing what could be stolen goods. That question is likely to be the nub of any criminal or civil charges against Gizmodo, as Apple seeks to set a precedent to protect itself and other firms from having stolen information reported online.

Arguing that there was no malicious intent, a source connected to the finder of the iPhone told *Wired*, "There was no effort to keep it secret. There was a bunch of people who knew. The idea wasn't to find out who was going to pay the most, it was, 'Who's going to confirm this?'"

As of April, the next step in the case wasn't clear: "We're still not saying it's a crime," said San Mateo County Chief Deputy District Attorney Steve Wagstaffe. "The investigation has contacted many people involved in this situation, including the person who took the phone from the restaurant."

Apple is now expected to accelerate introduction of the product. Most industry observers expect it to appear at WWDC this June.

Korean reports seem to confirm this, as initial manufacture of 5MP cameras for Apple's next-gen iPhone has begun. Korea's LG Innotek will start mass producing them starting in the second half of this year, implying the new iPhone may begin roll-out in July.

The new iPhones will support multitasking, and likely host an A4 processor and a 960x480 resolution display. It will run the multitasking iPhone Software 4.0. ●

IPHONE 4 FEATURES

- Front-facing video-chat camera
- Larger lens back-camera
- Camera flash
- Micro-SIM instead of standard SIM (like the iPad)
- Higher resolution display
- What looks to be a secondary mic for noise cancellation, at the top, next to the headphone jack
- Split buttons for volume
- Power, mute and volume buttons are all metallic
- The battery is 5.25 WHr at 3.7V, compared to the 3GS battery, which is 4.51 WHr at 3.7V
- It measures 4.50 x 2.31 x 0.37 inches and weighs 140 g

"To imply the people who created competing products were stupid is arrogance."

Christopher Phin sticks up for the competition.

Apple talk

Who's saying what?

Steve Jobs
www.apple.com
"Flash is no longer necessary to watch video or consume any kind of web content."
Jobs slams Adobe's 'proprietary' Flash.

Steve Jobs
www.apple.com
"I'm sorry about your girlfriend. Life is fragile."
Jobs offers support to man who lost lover to liver cancer.

Warren East
www.arm.com
"Our standard business model is an excellent way for technology companies to gain access to our technology. Nobody has to buy the company."
ARM boss scotches Apple takeover rumours.

Marc Benioff
www.salesforce.com
"Today's customers want more. In contrast to the innovation stagnation at Microsoft, Apple is delivering in a profound way."
Ex-Microsoft exec praises Apple innovation.

Alan Kay
www.wired.com
"Things that are good for children need to run everywhere."
Tech hero Kay slams Apple for ban on child-friendly app, Scratch.

Have you heard any great Apple quotes? Email us at macformat@futurenet.com

» IN THE SPOTLIGHT

Just because it ain't Apple

Christopher Phin

New rule, everyone: anybody who blindly dismisses a non-Apple gadget as crap gets deducted 10 humanity points.

I'm tired of people polarising developments into 'rocks' or 'sucks'; it's silly and shortsighted.

To dismiss a product as crap is, apart from anything else, just plain rude; the anonymity and immediacy of the web beguiles those with no class into posting the kind of things most people wouldn't dream of saying in person. (**http://xkcd.com/438** should be every internet user's desktop wallpaper.)

Worse, though, it reveals the posters to be spoilt children. So, the new Samsung touchscreen phone you see advertised on TV isn't an iPhone. That doesn't mean it's crap. So that £299 Advent laptop that PC World is selling isn't a MacBook. Again - doesn't mean it's crap.

'Crap' presupposes a fundamental flaw. Will the Samsung Monte fail to make calls? No. Will it fail to let you access some subset of the internet? No. Will the Advent Verona fail to word process, send and receive email, and edit your photos? No.

> *"So, the Samsung touchscreen phone you see advertised on TV isn't an iPhone. That doesn't mean it's crap…"*

I have no objection to the stance that says the iPhone is better than the Monte for some, or that a MacBook is better than the Verona for some, but to imply that the people who created the competing products were deluded, stupid or mendacious is just arrogant.

HP recently bought Palm; I think that's great. HP gives it the security to create some brilliant smartphones, maybe even tablets. Given limited funds, will I buy a Pre rather than an iPhone, or a webOS tablet rather than an iPad? Probably not; I'm likely to prefer the Apple stuff. Does that mean that there's no room for brilliant products from other companies? Of course not.

It all depends on how you define success. If you're Microsoft, it's defined still, it seems, by market dominance. If you're Apple, it's defined by the quality of what you produce. But there's room for all. No-one wants a technological monoculture; no-one wants a monopoly either. ●

Chris Phin will never again gesticulate wildly while he has an iPad in one hand and a full tea-pot in the other… even though tea *is* exciting.

The iPad is demonstrating incredible sales.

» iPAD LATEST

iPad makes the magic million

Apple's iPad quickly reaches landmark sales

Apple watchers around the UK are holding onto their nerves. As *MacFormat* goes to press, Apple has confirmed an incredible one million iPad sales in just 28 days.

Rabid Apple fans were excited at this good news, but there's a catch inside the tale. Will this high demand, which Apple admits has been much more than it initially expected, mean the much-anticipated iPad will see further delays?

Commenting on the iPad's sales achievement, Apple CEO, Steve Jobs, said: "One million iPads in 28 days - that's less than half of the 74 days it took to achieve this very same milestone with iPhone." But within the good news came a warning, "Demand continues to exceed supply and we're working hard to get this magical product into the hands of even more customers."

In April, the company notified its fans that "demand [in the US] is far higher than we predicted and will likely continue to exceed our supply over the next several weeks." This led the company to postpone the international launch of the iPad by one month, frustatingly delaying things even further until the end of May.

One million sales is, of course, a great achievement. While the previous two models of iPhone each took just three days to achieve this, the first took 74 days, and the original iPod took just over one-and-a-half years to achieve its first million sales.

In related news, Apple has also confirmed that iPad users have already downloaded 12 million apps and to have purchased no less than 1.5 million books via its brand-new iBookstore.

Speaking to Fox News, billionaire investor, Warren Buffet, commented, "Steve Jobs has done a terrific job. And there will be companies that excel. And occasionally they will excel because of luck, but usually they excel because of brains."

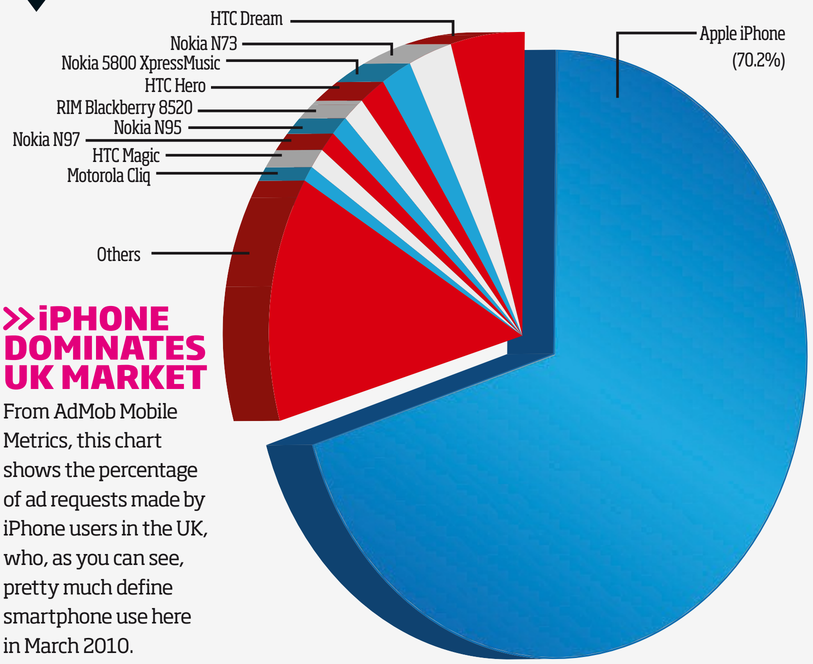
Microsoft, which scrapped its own Courier tablet shortly after the iPad shipped, saw its Chairman, Bill Gates, agree, "I think both in general and in the specific, Apple's done a great job," he said, further adding a warning that "Microsoft has a lot of different tablet projects in the pipeline." ●

» APPLE IN NUMBERS

25

Number of Chinese retail stores Apple plans to open.

APPLE IN NUMBERS / iPhone empire



iPHONE DOMINATES UK MARKET

From AdMob Mobile Metrics, this chart shows the percentage of ad requests made by iPhone users in the UK, who, as you can see, pretty much define smartphone use here in March 2010.

INDUSTRY

Apple cash goes mostly mobile

Invests in speed for mobile products

Apple has acquired small processor developer, Intrinsity, the company that aided Apple's internal chip development teams to design the ARM-based A4 processor used inside the iPad.

The *New York Times* confirmed the deal, which was previously speculating Apple hired Intrinsity to speed up the design of ARM chips used in mobile devices.

Takeover speculation began after trade titles noted several Intrinsity employees had started to list Apple as their employer on the LinkedIn social networking service.

The purchase means Apple maintains a team with world-class experience in maximising the speed you can achieve from mobile device processors. Working for Samsung, Intrinsity engineers previously managed to tweak speeds of 1GHz from a standard ARM-based reference design that usually runs at 650MHz. That 1GHz is identical in speed to the A4 processor that drives the iPad. Samsung manufactures Apple's iPad processor.

Apple remains tight-lipped on the deal, which likely secures technologies required for mobile processors. Apple spokesman, Steve Dowling, said, "Apple buys smaller tech companies from time to time; we do not comment on our plans."

Microprocessor Report expert, Tom R. Halfhill, noted, "The purchase price is like pocket change to Apple, and they get a lot of benefits including better video playback and battery than competitors can offer". ●

APPLE IN NUMBERS

$127,000

Steve Jobs' private jet flight costs in Q1 2010.

HOT OR NOT?

The latest word from the Apple rumour mill

HOT: Apple serious on search
Apple's purchase of mobile assistance firm, Siri, means the company intends developing its own location-based product and services to take on Google, to boost its iAds platform.

HOT: Apple TV to get Apps
With Google Android-powered TVs from Sony and Samsung in the pipeline, the story is that Apple will introduce its own iPhone OS TVs and an Apple TV model for the same.

NOT: Apple to buy ARM
The *London Evening Standard* claimed, "Apple is ARM's biggest customer and speculation is that the iPad maker wants to take chip design in-house." ARM dismissed these claims.

NOT: Approval for every app
A Rixstep report claimed Mac OS X 10.7 will require all Mac app developers to get their software approved by Apple before it can go on sale. These claims are utterly baseless.

BBC NEWS
SONY

Apple on TV

The Mac is ready for its close-up

Top BBC technology show, *Click*, is an Apple fiesta these days. iPhone dominance is keeping that Apple product on TV. Here it is on *Click* demonstrating the ever-so-essential *Jibbigo* translation app.

If you've spotted a Mac on television, then email macformat@futurenet.com and tell us all about it!

>> ACROSS THE POND

Talking to Steve…

Susie Ochs

Steve Jobs has been in a rather chatty mood lately. From his "Thoughts on Flash" to the rash of emails sent to Apple customers who write to him at sjobs@apple.com, it's a clever move. The gleeful recipients squawk about it online, the press picks it up, and then Apple's official PR team keeps mum, of course. The whole thing probably takes him two minutes; the missives are shorter than haiku and often signed "Sent from my iPhone" or "Sent from my iPad."

Last month, I even asked Apple PR to clarify a sentence on their website, but they demurred. I should have just asked Steve. A fan beat me to it, and received a two-word reply just days later. Yes, I'm still jealous.

Fine, let anybody talk to the head honcho directly. To stall my own obsolescence, I will offer out these totally made-up 'best practices' for securing a reply.

First, be nice. Nobody likes a whiner. The developer of *iPodRip* emailed Steve when Apple lawyers wanted him to change the app's name to something that didn't, you know, include an Apple trademark. But the note was polite and even called Jobs "a consistent inspiration." And he wrote back. Okay, all he said was, "Change your app's name. Not that big a deal." But the reply was an immensely big deal, spreading the new name, *iRip* far and wide.

> *"A MobileMe email 'Sent from my iPhone' makes a point better than a Gmail message sent from your BlackBerry…"*

Try to ask a yes-or-no question. A Swedish music producer, for example, recently enquired if his iPhone plan would work with the iPad. Jobs replied with a certain "No." While an Italian blogger asked if she could put free ebooks on an iPad. She heard back: "Yep."

If at all possible, you should show you're a true aficionado, one who's bought into the whole ecosystem. A MobileMe email with the "Sent from my iPhone" signature makes that point better than a Gmail message sent from your BlackBerry, don't you agree?

Good luck. And if you and Steve do become best mates, please tell him I said "hi". ●

Susie Ochs is Senior Editor of *Mac|Life*. Even though she is based in San Francisco, she favours English junk food for breakfast.

>> ADOBE VS APPLE

End of the line for Flash for iPhone

Adobe cans Flash-to-iPhone export code

Adobe has ceased development of *CS5* tools to export *Flash* content to the iPhone. "We will still be shipping the ability to target the iPhone and iPad in *Flash CS5*," said Adobe's Mike Chambers. "However, we are not planning additional investments in that feature."

The move follows Apple changing its iPhone Developer Program License Agreement, banning use of non-Apple tools for iPhone app creation. This prohibition, included in the new Section 3.3.1 of the developer agreement, reads: "Applications may only use Documented APIs in the manner prescribed by Apple and must not use or call any private APIs." It also forbids use of unauthorised programming code and use of intermediary translation or compatibility tools.

"This has the effect of restricting applications built with a number of technologies, including *Unity*, *Titanium*, *MonoTouch* and *Flash CS5*," Chambers said.

"It is our belief that Apple will enforce those terms as they apply to content created with *Flash CS5*. Developers should be prepared for Apple to remove existing content and applications created with *Flash CS5* from *iTunes*," he warned.

Apple CEO, Steve Jobs, pointing out the proprietary nature of *Flash* in contrast to HTML5. He added: "We know from painful experience that letting a third-party layer of software come between the platform and the developer ultimately results in sub-standard apps and hinders the enhancement and progress of the platform." ●

>> APPLE IN NUMBERS

500,000

The number of iPads sold in the first week of sale.

Stockwatch

A look at the world of Apple business with Clem Chambers

Apple's stock has been going crazy. Normally, post-launch, the price falls back. However the market's having none of it. Apple would be the second-most valuable company on the market now if Microsoft was not also powering ahead. Apple is currently $270 a share. I'm increasingly bearish on Apple even though the trend is up, because this kind of violent trading in a stock almost always ends in tears.

It's hard to bet against because once a share goes mad, nothing is predictable short term. The bear has to wait for the top and wait further until the share falls back. Who knows where this is for Apple, but I will go a little short if Apple passes Microsoft and go very short if Apple hits the number-one spot as the US's most valuable stock.

Of course a shorter's potential loss is infinite and his profit limited to 100% - it's a dangerous game. Meanwhile, I'll watch and marvel as Apple enjoys market heaven.

Clem Chambers is CEO of ADVFN, Europe's leading stocks and shares website.

>> LIVE GIG

iTunes Festival line-up announced

Tony, Ozzy and the Scissor Sisters headline

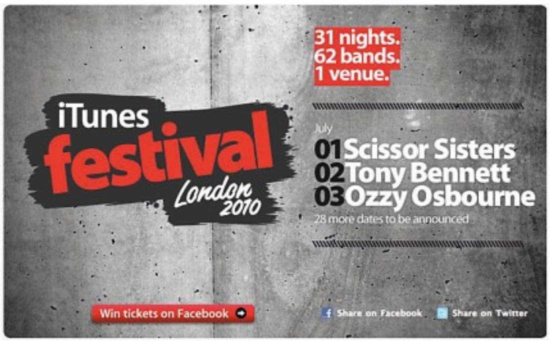
Apple has announced its free indoor iTunes Festival in London for 2010, which will present 62 bands across 31 nights in a series of performances at the Roundhouse in Camden Town, London.

The first three announced iTunes Festival headliners are Scissor Sisters (1 July), Tony Bennett (2 July) and Ozzy Osbourne (3 July). Admission is free, but you can't purchase tickets: instead you must enter competitions available via *iTunes*, Facebook and certain supporting media outlets in the run-up to the events.

Last year's show saw headlines from Oasis, Flo Rida, Kasabian, Paolo Nutini, Snow Patrol and Franz Ferdinand.

"This has all the makings of a great gig," said Ozzy Osbourne. "I've never performed at the legendary Roundhouse, and it'll be fantastic to do an intimate show there for the fans. We're also recording it, so if you can't make it to the gig, it'll be available for download on *iTunes*."

Babydaddy of Scissor Sisters said, "We can't wait to tickle your fancies with songs new and old as part of the iTunes Festival. This will be our first performance ever at London's legendary Roundhouse".



Tony Bennett adds, "The audiences of Britain have been so warm and welcoming and I always look forward to coming here to perform."

Each performance will be recorded and sold exclusively on all 23 iTunes Stores worldwide. ITV will be broadcasting the best of the festival from the Roundhouse.

Facebook users are being offered the chance to join Apple's official iTunes Festival group. Join this to hear first news on new additions to the line-up, find out about tickets and competitions and for access to exclusive photos during the event. Hundreds of tickets will be made available to Apple's Facebook followers. ●

>> APPLE EVENTS / What's going on?

D: ALL THINGS DIGITAL, San Diego
1-3 June
Wall Street Journal's annual event features the best, brightest and most innovative tech-industry titans.

COMPUTEX TAIPEI, Taiwan
1-5 June
This event explores future tech inventions, reflecting tomorrow's solutions today.

WWDC 2010, San Francisco
7-11 June
Apple's most important annual event takes place at San Francisco's Moscone West hall.

E3, Los Angeles
15-17 June
The Electronic Entertainment Expo is a big event for the video games industry; expect plenty of Apple-tinged news.

EUROPEAN MAC OS X TRAINING CAMP, France
16-24 June
Leading Apple trainer Agnosys' in-depth training event offers OS X certification and training to European developers.

MACFORMAT
Issue 223, 23 June
Grab the next issue as soon as it hits the shelves for an in-depth look at everything Apple-related in the run-up to WWDC in June.

Join us online

Website
Visit www.macformat.co.uk to read the latest blogs and Apple news.

Podcast
Download MacFormat This Week from the iTunes Store or our website.

Forum
Visit forum.macformat.co.uk to chat to other MacFormat readers online.

Twitter
We're now on Twitter! Follow our tweets at twitter.com/MacFormat.

Facebook
Visit our Facebook group. Just do a search for "MacFormat" to find us.

Set free your data with one of these hugely liberating NETGEAR NAS drives – just answer the question below!

Photography by Simon Lees

NETGEAR Stora
NETGEAR
NETGEAR
ReadyNAS NVX
NETGEAR

PRIZE WORTH £1,000!

Win! NETGEAR network hard drives must be won!

Free your data with the NETGEAR ReadyNAS NVX and NETGEAR Stora

Network-attached storage (NAS) drives are catching on fast. With a NAS drive connected to your home network, you can share data across multiple computers, access your files over the internet, stream movies and music to entertainment devices, and more.

NETGEAR's ReadyNAS NVX is one of the best home network storage devices around. Using its four available drive bays, you can pack in up to 8TB of hard drive space. The one we're giving away is supplied with two 500GB drives pre-installed. It has a built-in *iTunes* server and can stream media to games consoles, such as the PS3 and Xbox 360.

Two runners-up win a NETGEAR Stora, a comprehensive and easy-to-understand network drive for storing, sharing and backing up music, movies, photos and data using any device on your home network. You can even copy photos directly to Facebook!

The question

To stand a chance of winning one of these superb prizes, answer this simple question:

The NETGEAR ReadyNAS NVX and Stora are NAS drives. What does 'NAS' stand for?

A) Network-attached storage
B) Node accessible server
C) Newly arranged saves

For more information on the drives and other NETGEAR products, go to **www.netgear.co.uk**.

» HOW TO ENTER

- To enter, text NETGEAR, followed by a space then your answer (A, B or C), space, then your name and address to 87474; or enter via **www.macformat.co.uk** and click on the **Competition** link.
- By sending your entry, you agree to these competition rules and you confirm you are happy to receive details of future offers and promotions from Future Publishing Limited and carefully selected third parties.
- If you do not want to receive information relating to future offers and promotions, please include the words NO INFO at the end of your text message.
- Texts will be charged at £1 plus your standard network tariff rate.
- Competition closes on 23 June 2010.

NEW HOSTING PACKAGES

INDUSTRY LEADING WEB HOSTING FOR OVER

10 YEARS

Create a website quickly & easily

MY B
MY
Wedd
Bed & Breakfast
About us
Rates
Visit
Contact
A Warm welcome awaits!

Get your website online in minutes

Use our free and easy website builder to create an attractive and professional looking website, including 350 customisable templates, personalised email and FREE instant setup.

With over 10 years experience, we're the web host you can trust. All of our web hosting packages include 24/7 phone and online support, so we're here whenever you need us.

NEW

STANDARD 50% OFF for 3 months

£1.99pm £2.34 inc VAT

Normal price £4.69 inc VAT

Our Standard package includes:

✔ **UPGRADED** 5GB web space.

✔ Unlimited website traffic (bandwidth)†
- no limits, no fees.

✔ **FREE** website builder tool.

✔ **FREE** instant set up.

✔ Personalised virus and spam protected email.

✔ **FREE** £105 advertising vouchers.

✔ 24/7 phone & online support.

50% OFF

WEB HOSTING*
&
.net DOMAINS**

LIMITED PERIOD OFFER

*Visit **www.fasthosts.co.uk** for our full range of web hosting packages and details on our all new **one month contract** option*

Free instant setup • Unlimited bandwidth • 24/7 phone & online support

Buy now at
fasthosts.co.uk/hosting
0844 583 0741

Proud sponsor of
The Great Exhibition 2012

fasthosts™
World Class Web Hosting

© 2010 All rights reserved. Fasthosts and the Fasthosts logo are trademarks of Fasthosts Internet Ltd. Offer, prices & product specifications valid at time of print.
All prices exclude VAT unless otherwise stated. Terms & Conditions apply, see website for details. †Unlimited bandwidth is subject to an acceptable use policy.
* 50% off web hosting offer for first three months. Web hosting offer subject to a minimum 12 month contract. **.net offer for first year of registration.

Me&MyMac

MacFormat readers share their beloved Mac setups

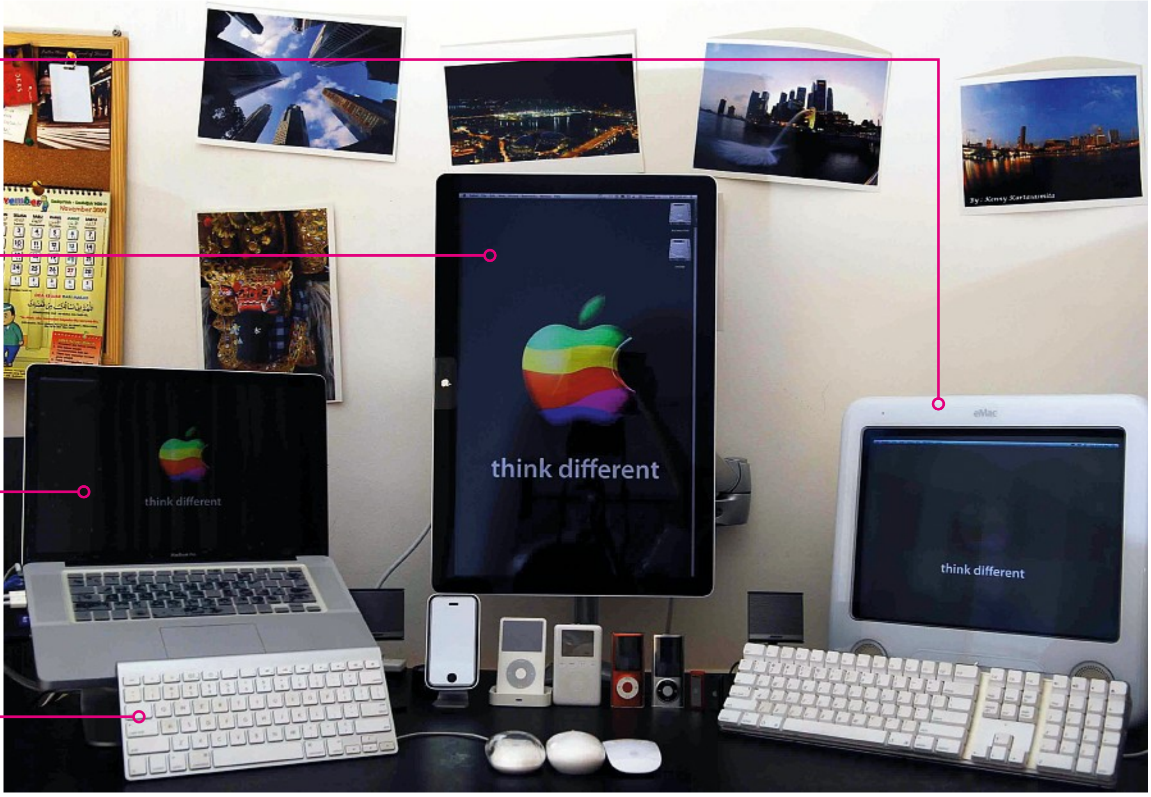
>> CONTACT US
Want to share your Mac setup with us? Send a photo of your kit to **christopher.phin@futurenet.com**

eMac 1GHz G4
We know, we know; it's slow by today's standards. But there's no denying the eMac's friendly charm.

LED Cinema Display
Kenny's a big fan of Apple's current display; it helps him when he's retouching photos from his Nikon D80.

MacBook Pro 2.8GHz Core 2 Duo
These days, a laptop can do the work of a desktop; this 2.8GHz Pro is no exception.

Apple Wireless Keyboard
Judging by the state of his MacBook keyboard, Kenny made a sound investment.



>> PROFILE
Name: Kenny Kartasasmita
Occupation: Student and freelance photographer
Been using a Mac for: Over two years
Favourite hardware: LED Cinema Display
Favourite software: iPhoto

There's no doubting it's happened to all of us; one minute you're showing off your MacBook to a couple of mates down the pub, the next you've become unofficial, unpaid tech support to a network of friends, family and bewildered neighbours, some of whom can't tell a Magic Mouse from a modem.

Freelance photographer and student Kenny Kartasasmita carries out his duties with remarkable good cheer. "Because all of my friends know I'm an Apple freak, I've now become their consultant, helping them decide which Apple product is suitable for their needs," he tells us.

Based in Singapore, though originally from Indonesia, Kenny has been using Macs for more than two years and boasts an impressive setup that includes a 15-inch MacBook Pro, an eMac, a 24-inch LED Cinema Display with Ergotron desk mount and more iPods than you can shuffle a stick at.

> *"I used a Sony Vaio, but found the OS lacking and the processor very slow. I also hated the risk of virus infection"*

"I used to be a PC user," Kenny explains, "I used a Sony Vaio, but found the OS lacking and the processor very slow. I also hated the risk of virus infection." He soon discovered that Apple products were well suited to his creative projects. "My Macs are great for college and my job as a freelance photographer. I do my retouching and editing with the Apple LED Cinema Display, which works perfectly – I love the colour saturation."

Asked to pick his favourite piece of Mac software, Kenny doesn't hesitate. "*iPhoto*, because it's very easy to organise my photos, tag the subjects and share them with a click on Facebook and MobileMe."

Like all Mac fans, Kenny's always got his eye on something new to add to his setup. So what's next on the list? "It's kind of hard to choose because I like all the Apple products," he muses, "but for now maybe I'd like to add the Macintosh 128K, because I saw a video on YouTube; the Macintosh 128K is still faster at booting than a Windows Vista-running Vaio. I'd also love a Mac Pro because it's the most advanced computer in the world. It's so fast and I always dream about having that one in the future…"

Blimey, we can see why his friends have appointed him their Apple guru; better start charging, Kenny! ●

heart internet

The UK's
Fastest Growing
Reseller Package

www.heartinternet.co.uk

Tel: 0845 644 7750

Reseller Hosting

30 Day
Money Back
Guarantee

Only
£29.99
Per Month

Reseller Features

- ✓ Host unlimited web sites.
- ✓ Linux & Windows New accounts included.
- ✓ Create your own web hosting packages.
- ✓ Disable, delete & edit accounts in real time.
- ✓ Fully brandable control panels and experience.
- ✓ Web hosting accounts instantly activated.
- ✓ HostPay shopping cart free.
- ✓ Generic webmail, SSL & nameservers or your own.

Ideal for Web Designers, Developers and Entrepreneurs

Start Your Own Web Hosting Company!

Web Hosting Features

- ✓ Unlimited web space & bandwidth.
- ✓ Unlimited mailboxes, forwarding & autoresponders.
- ✓ Unlimited databases, FTP & sub domains.
- ✓ Huge CGI library including WordPress & Joomla.
- ✓ Website builder & shopping carts.
- ✓ PHP, Perl, Ruby, SSL, Stats.
- ✓ Amazing control panel & file manager.
- ✓ Over 100 features for each account.

Too Much to List!
New Features Added All The Time

Check Out Our Website!

Reseller API Now Available

"Heart Internet support their customers with market-leading hosting technology at great prices"

Suzi Perry
Technology TV Presenter

HostPay

FREE with our Reseller Package

Create Your Own Hosting Company

Amazing Features Including:

What is HostPay?
HostPay is a highly customisable shopping cart & customer management system that is free with our Reseller Package.

- ✓ Supports PayPal, Google Checkout, WorldPay, Protx, Nochex & 2Co.
- ✓ Easy to set up and grows with your business.

Customer Management & Registration System

Instant Activation For Your Customers

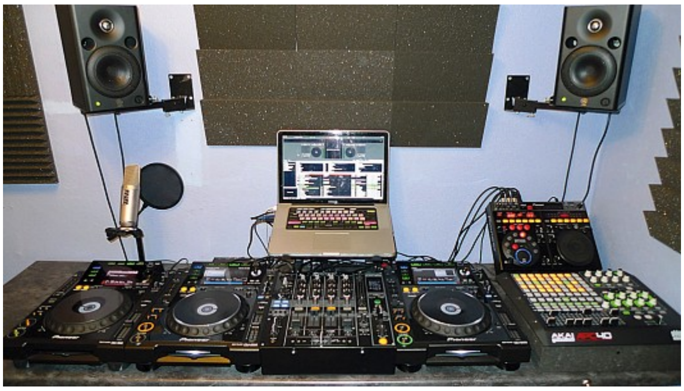
Fully White Label Themes/Skins

For more information visit:
www.heartinternet.co.uk

Tel: 0845 644 7750 Email: sales@heartinternet.co.uk

MasterCard Maestro VISA DIRECT Debit

Prices exclude VAT



KUTSKI
1AM
3AM
BBC
RADIO
SHOW
FRIDAY NIGHT
1
WWW.BBC.CO.UK/RADIO1/KUTSKI

FAR LEFT: When he's not broadcasting on Radio 1, John can be found giving it some on the decks. **MIDDLE:** The MacBook Pro takes centre stage in John's studio and at live gigs. **BELOW:** John's finds a Mac setup perfect for his recording work.

I use my Mac for being a Radio 1 DJ

Graham Barlow gets the lowdown from John Kutski on how he uses his Mac for music

»PROFILE

Name: John Kutski
Location: London
Occuptation: DJ
System: Mac Pro (Studio), 20-inch iMac (Office), and, my personal favourite, a 15-inch MacBook Pro
URL: www.djkutski.com

MacFormat: For those who don't know, what do you do?
John Kutski: I'm a hard-dance music DJ and producer, and I also have my very own show on BBC Radio 1 on a Friday night.

MF: How are Macs involved in what you do?
JK: Macs are really at the heart of everything I do these days, from the obvious stuff such as writing music in my studio, to the more subtle things like putting together megamixes for my radio show. I'm a very heavy Mac user, with a Mac Pro in the studio and the obvious MacBook Pro that seems to accompany every musician on the road these days!

I even DJ using my MacBook Pro, *Serato Scratch Live* software and soundcard, which enables me to play all the digital music from my *iTunes* library on a more traditional DJ setup of vinyl and turntables! It's quite mind-blowing.

MF: Is Radio 1 full of Mac or Windows users?
JK: Like most major corporations, unfortunately we all have to endure the pain of clicking the Start button in offices, but when people are getting creative and reach for their laptop, the place is awash with little glowing white apples!

MF: What's your favourite piece of Mac software?
JK: I'd have to go with Ableton's *Live* software. I practically live in its environment, from writing music and doing remixes, to putting together music for my radio show, editing bad language out of tracks… I could go on forever! I even use it in conjunction with *iMovie* to put together YouTube videos! (Check out John's YouTube channel at **www.youtube.com/djkutski** for videos of him DJing live – ed.) It really is a fresh modern-day approach to music-sequencing software. As mentioned, I also use *Serato Scratch Live* to play MP3s via traditional 12-inch vinyls.

MF: What's been your proudest achievement to date?
JK: It has to be getting a primetime slot on BBC Radio 1. The music I play is quite underground and since the late, great John Peel passed away, the music wasn't really represented on the station. So to be the person to pioneer this at such a high profile is something I'm very proud of! ●

Always ready to spring into action!

MiLi®

The ideas just keep coming from MiLi. And here's the latest addition to the family – another little bundle of energy, this time with a handy power-sprung case action for ease of use, security and all-round style.

Introducing the World's thinnest all-in-one battery case for iPhone 3G & 3Gs. Not only can its rechargeable battery almost double your iPhone's life, its hard shell also protects it - beautifully!

Compatibility: iPhone* 3G, 3Gs
Standby Time: Up to 230 hours
Talk Time: Up to 3.9 hours on 3G
Internet Use: Up to 3.9 hours on 3G
Audio Play: Up to 19 hours
Video Play: Up to 5.4 hours

Works with iPhone

This and other fantastic gadgets available now visit:
www.powerskin.co.uk
t: 0844 288 0844 e: info@powerskin.co.uk

powerskin

Gadgets

The hottest kit, coming soon.
Here's what Apple is up against

◀ Jailbreak App Magnets

About £9 **www.jailbreaktoys.com**

What is it?
It's the coolest way to pin your shopping list to your fridge. These handy magnets are designed to look like the application icons on the iPhone, and they look great.

When's it due?
Order online now.

Why are we excited?
Maybe 'excited' is a bit strong, but these magnets are much more fun than blurry holiday pics and rubbish jokes about dieting.

◀ Wipe Shirt

Around £95 **http://fift.jp**

What is it? Your mother would have a heart attack. These cotton shirts include a microfibre polishing pad on the cuff or tail, designed to wipe smears and fingerprints off your mobile technology. Just the thing for keeping your iPhone, iPad or Mac display clean and fresh.

When's it due? Buy one now, but you have to order from Japan (just use Google Translate).

Why are we excited?
Admit it. You wipe your screens with your shirt already. We all do. But with a Wipe Shirt, you can do it with a clear conscience. We hope they catch on over here. Just don't wipe your nose on the sleeve.

▲ Henge Dock

From $60 (around £39)
www.hengedocks.com

What is it? A dock for your MacBook or MacBook Pro. Just slot in your notebook to instantly turn it into a desktop machine. It's a quick and convenient way to connect your MacBook to your display, and also your peripherals such as a keyboard, mouse, printer and more. It's powered by Apple's own MagSafe connector, and it doesn't block access to your optical drive.

When's it due? Order online now, but some models are currently on pre-order.

Why are we excited? The mobility of a notebook with the versatility of a desktop!

mi-hub
SAMSUNG

▲ Mi-Hub Opus

£430 (black) £480 (white)
www.mi-hub.co.uk

What is it? A feature-packed TV stand that includes a HD-upscaling DVD player, an iPod dock, a USB port for audio and picture viewing, an AM/FM radio with 40 presets and a karaoke function with two mic ports. Audio is supplied by six 10W speakers and a 20W sub-woofer.

When's it due? Order online now.

Why are we excited? It's a pity the white model is £50 dearer than the black one (due to a smaller production run), but they both look

▲ Muvi Atom

£90 www.veho-uk.com

What is it? Is this the smallest video camera ever? Despite being under two inches tall, the Muvi Atom can record 640x480 video at 30 frames per second, and take snaps at 1280x960. Its rechargeable battery lasts around an hour, its 2GB microSD card is good for around 90 minutes of footage and it also features a standby mode with voice activation.

When's it due? Out now.

Why are we excited? It's fun! The Atom's small form factor makes it ideal for fitting to your bike or helmet and recording yourself on the move, or maybe concealing as a security camera.

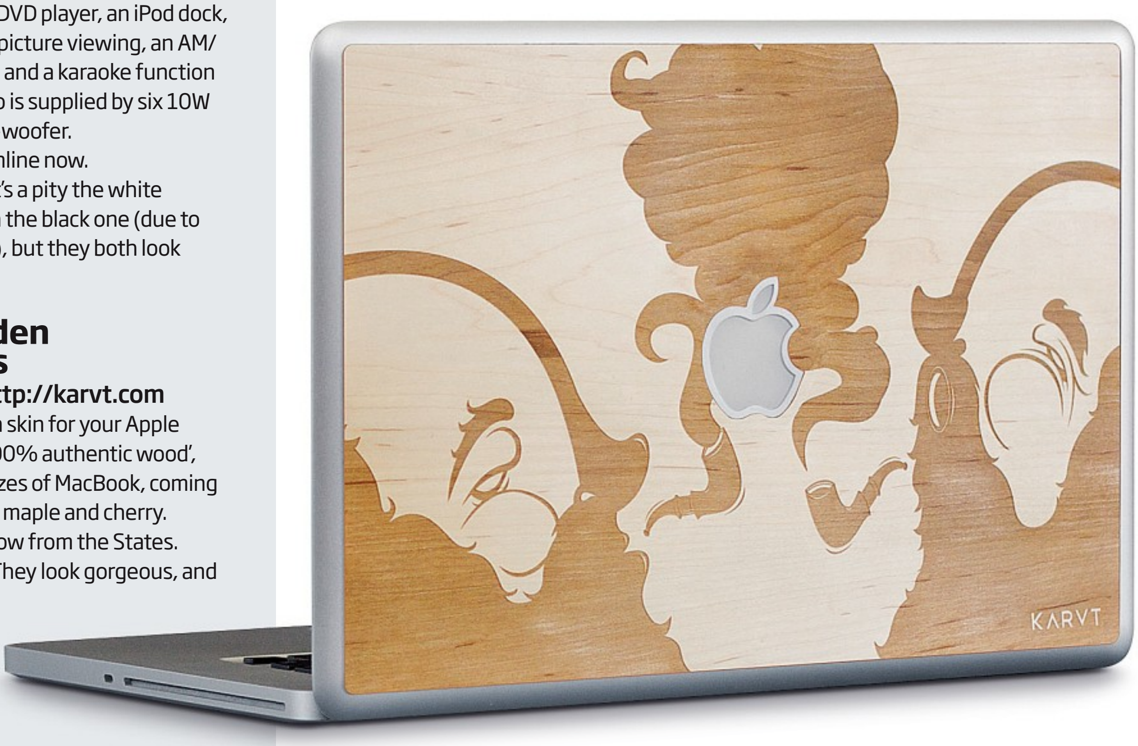
▶ KARVT Wooden MacBook Skins

From around £20 http://karvt.com

What is it? It's a wooden skin for your Apple notebook. Made from '100% authentic wood', they're available for all sizes of MacBook, coming in bamboo, walnut, pine, maple and cherry.

When's it due? Order now from the States.

Why are we excited? They look gorgeous, and they don't cover that all-important Apple logo. Brilliant!



Feedback

>> CONTACT US

Whatever your Mac-related cares, concerns or calamities are, let us know about them by contacting us on the following email address: **macformat@futurenet.com**

Let us know what you think about your Mac, MacFormat and everything Apple

Recent convert

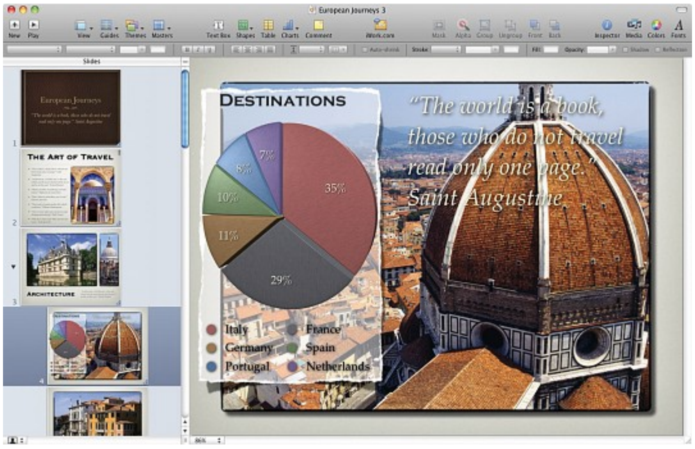
I recently bought a brand-new MacBook and, thinking that I would miss out on a lot of PC software when converting over to a Mac, installed Windows 7 under Boot Camp. But, of course, I was completely wrong!

All the software I have so far used on PC is also available on a Mac, and if not, there is a better equivalent program. I have used Apple's *iWork '09* to present my classes – it's really easy for the students to use *Keynote* to create some stunning presentations in easy steps. Plus, I also think these look much better than Microsoft *PowerPoint* presentations.

I have now deleted the Windows Boot Camp partition, because I don't think I will ever need to use it again to do my work. The need to reinstall Windows again and again, the Blue Screen of Death, and all the hoops that the antivirus programs make us jump through when using a PC, are things I'll hopefully never have to face again.

Hussain Almubarak

MacFormat replies: Welcome to the fantastic world of Mac, Hussain. Yours is a common experience – many new Apple switchers install Windows as a safety net, only to decide later that it's just using up valuable hard disk space, whereupon they remove it.



"The world is a book, those who do not travel read only one page." Saint Augustine

Keynote is widely recognised as being the best presentation software around.

Beyond OS X

As the editor of an international Electronic Encyclopaedia for maternity care, I was delighted to see the letter from Rex Palmer (*MacFormat* May 2010) about *Virtual Acorn* on the Mac. Without *VA* first on my PC, and now on my Mac, I would never, at my own expense and in my own time, have achieved so much towards better maternity-care computing. If anyone still misses the magnificence of the *Impression Style Document Processor* and RiscOS, I can strongly recommend the minimal cost of installing *VA* on your Mac. More than a year into the joy of Macs, I still find some things, such as controlling files and folders, both more reliable and more intuitive on the *VA* side; and with the help of R-Comp (**www.rcomp.co.uk**) I

>> STAR LETTER / New MacBook Pro

I cannot believe Apple has once again omitted an ExpressCard port from the whole 15-inch range. I have not yet upgraded from my first-generation MacBook Pro, as I have a number of peripherals running via eSATA or FireWire (RAID) and already use onboard FireWire for external VT deck control. Additionally, small portable Sony EX cameras now utilise ExpressCards for storage. As far as I'm concerned, the 15-inch Pro machines, despite the improved spec, are far from professional when it comes to video editing and are of no use to me without such a slot. I will not be buying one, nor paying more for a 17-inch model. That would mean all new stands, cases and bags too.

Mac users are ambassadors for their products – but Apple tries our patience sometimes. I am really cross about this situation and am disappointed in the assumption Macs are 'not required' because 'most people don't use them'. After all, most people don't use Macs, they use PCs – so on that basis we don't need Macs either, do we?

Neill Jongman

MacFormat replies; There's no indication from Apple that the ExpressCard slot is going to make a return to the 15-inch MacBook in the near future. Having said that, a FireWire 800 port did come back to the 15-inch MacBook Pro range after a lot of complaints, so send your feedback to Apple.

>> STAR LETTER

Email all your letters to us at **macformat@futurenet.com** If yours gets picked as the MacFormat Star Letter, you'll be sent a fantastic EyeTV Hybrid. It comes with analog and digital tuners, so you can use it to put TV on your Mac wherever you are in the country!

Dr Who image ©BBC

The 27-inch iMac would make the perfect telly, if Apple played ball.

can print documents from within *VA*, or create PDF files ready to go on my website. Any other fans of *VA* on the Mac, get in touch (www.fawdry.info).

Rupert Fawdry

MacFormat replies: We're happy to be of service, Rupert, and admit to not realising what a vibrant community of Acorn users there are on the Mac.

Digital home

First of all, a big thank you. It was due to the invaluable advice in *MacFormat* and the utterly indispensable *Switch to Mac* companion publication that I made the leap to my beloved 27-inch iMac. Generally, everything is wonderful, from the ergonomics of the Magic Mouse to the sheer speed of the beast. But there is one fairly large bluebottle buzzing away in the ointment. There, in the corner of the room, is my Virgin Media box, my Blu-Ray player and my old (don't laugh) PS2 – all sporting a selection of HDMI, Composite, S-Video and Scart connectors. And there on my desk is the Monitor To End All Monitors… with a single Mini DisplayPort input.

What knavery is this? Are Apple taunting me by giving me a display that exceeds HD, complete with VESA mounts, and no way of getting a signal from anything other than another Mac into it? Or is something waiting in the wings? Any suggestions would be welcome; I'm seriously missing my fix of *Dog Borstal* and *Boozed Britain*…

Anthony O'Neill

MacFormat replies: This is a popular request, but one that's fallen on deaf ears from Apple. Using a 27-inch iMac as an external monitor only works with the latest MacBook range – it also requires a Mini DisplayPort to Mini DisplayPort cable. It doesn't work with a HDMI cable or a DVI cable, even using Mini DisplayPort adaptors. It's a shame, because the ability to use your iMac as your TV plugged directly into a Blu-Ray player or Sky box would be fantastic.

Moneydance

After many years with Quicken – before they became anti-Mac – I was amazed at the lack of suitable programmes for the Mac OS. *MYOB* was available, but rather unwieldy, however I eventually found *Moneydance* (http://moneydance.com/mac), which is great. Multiple currencies, great reporting, graphs and budgeting. Also, it's soon to have an iPod touch app. I can't understand why you didn't mention *Moneydance* in your review of finance programmes recently…

Tony Rees

MacFormat replies: Since we're restricted to featuring six applications in our group test, some programs will inevitably get left out. We thought we'd print your letter here, Tony, so that our readers can try out the *Moneydance* trial, which is available from its website.

Just for kicks

Just wanted to see if anyone else had noticed the possible subliminal message in the recent movie *Kick-Ass*?

All the goodies, or at least the folks you are encouraged to support, use Macs while their opposition were all using PCs. Did anyone else notice that or am I just taking my Apple fanboy status to a whole-new level?

Paul Wheatley

MacFormat replies: Well spotted, Paul. Perhaps Steve Jobs will feature in the sequel? ●

Only the Mac has the power to Kick-Ass!

Twitter @#! talk

From the Twittersphere

We asked:
What do you want from an iPhone 4G?

@big_blue_wolf
"Being able to choose your own ringtone/message tone from existing music files."

@Sci_dude
"1) Flash. 2) Flash. 3) Flash."

@mattcharlton
"A refund for the 3GS I purchased 2 weeks ago :p"

@_gavinjones
"Video Chat capabilities through iChat, more memory, better battery life and OLED screen."

@jmpmolegraaf
"Improved battery capacity, more advanced email options/settings."

@darklevel
"128GB storage so I can ditch my iPod."

@pdjohnson
"I want the iPhone 4G to have features I never knew I wanted but couldn't live without once I have them!"

@mruku
"An alarm function should I forget to pick it up and leave it in a bar or something would be nice…"

@MichaelOglesby
"Longer removable battery, camera flash."

@AdamRF
"To not look like the prototype they lost in a bar."

You can find out what we're up to each month by following the team at Twitter.com/MacFormat

"Online Success starts with a good web host. I started with 1&1 back in 2000 with a small MS Home package. Since then my website and business have grown with the help of 1&1. They are a sturdy and reliable web host that you can really depend on. They understand the importance of your business website and provide 24/7 support to give you that extra peace of mind."

Rob Barber, www.robbarber.com

Rob Barbers Bodyboard School – Bodyboarding Coaching Newquay, Cornwall

http://www.robbarber.com

Home
Lessons
Safety
Booking Forms
Prices & What We Offer
Events Calendar
Coaches & Team RB
Coaching Day Photos
Location
Packages & Accommodation
Press Reviews
Links
Coaching Trips
Testimonials

Group discounts

Rob Barber's Bodyboarding School

corporate packages
school groups
stag & hen parties

Just announced, Morocco Coaching Trip March 3 - 10. Limited places available, all di

Welcome to the website of Rob Barber's Bodyboarding School!

We are based in the UK, Newquay, Cornwall. We are the only bodyboarding school in the UK, we coach complete novices, top level competitors and everyone in between. We are open for business 7 days a week, 12 months a year. Our instructors are BSA approved, fully qualified beach lifeguards and members of the National Coaching Federation so you can have confidence that you are in safe, qualified hands.

BODYBOARDING LESSONS

PRIME NEW LOCATION

IRELAND COACHING TRIP MARCH 2010

BOOKING NOW

Vouchers

YEARS OF SU

*Special offers available as of 01/05/2010 and for a limited time only. Web hosting packages at special price of £10 for first year, regular price second year, 24 month minimum contract term applies. Save up to £325.88 – based on the MS Professional Package. Terms and Conditions apply, please see website for further details. Prices exclude VAT.

MEMBER OF united internet

Call 0871 641 21 21 Calls cost 6p per minute from a BT landline, calls from other operators and mobiles may be higher.

10TH ANNIVERSARY!

Celebrating 10 years in the UK this year, 1&1 Internet has become the UK's leading web host offering innovative products at competitive prices without compromising on quality or reliability, making the internet more accessible and enabling our customers to use the latest web hosting products. To celebrate our anniversary and give you the chance to have a successful website, we are now offering all our web hosting packages at an amazing price!

GET A WHOLE YEAR
OF WEB HOSTING
FOR JUST
£10*

All 1&1 Hosting Packages
from Beginner to Professional!

SAVE UP TO
£325.88!

CCESS WITH 1&1

.com, .net, .org, .eu Domains now only £5.99 for 1 year!*

1&1

or visit us now www.1and1.co.uk

Out and about with my brand-new iPad

Photos by Simon Lees

"Everybody was confused. It looked like a large iPhone, but what was it for?"

One month with the iPad

MacFormat editor, Graham Barlow, has been using an iPad for four weeks now, so what does he think? He charts his first month with an iPad...

When Steve Jobs introduced the iPhone, people instinctively understood it, despite having never seen one before – it was a phone, an iPod and an email/web browsing device all rolled into one, and it fit snugly in your pocket. Simple. With the iPad, the reaction was different – instead of almost universal acceptance, many people were totally confused. It looked like a large iPhone, but what exactly was this device for? Some people didn't care about the whys, they just wanted a large iPhone. But the question that kept coming up was, "Why would I want to buy this?" Well, I felt the same way, so it's been interesting to look back at how my opinion evolved as I set about using the iPad for a whole month.

Check out the dock and keyboard

Unboxing it is a pleasure!

It looks great on my desk!

It's syncing time!

> "The first thing I had to do before I could use it was sync it with my computer"

Day one

With the UK launch of the iPad unbearably delayed by greedy Americans buying too many of them, I had no choice but to add to the problem and get my hands on one. Our colleagues in the US arm of Future Publishing took pity on us and bought *MacFormat* a Wi-Fi version then shipped it over (we still owe you a beer, *MacLife* guys!). So, just a few days after the iPad went on sale in the US, one arrived in the office. As you can imagine, just about everybody in the building wanted to try it out, and soon the crowds swarming around the *MacFormat's* desks became so unmanageable we had to turn people away and stage an official 'show and tell' about the iPad in Future's biggest meeting room instead.

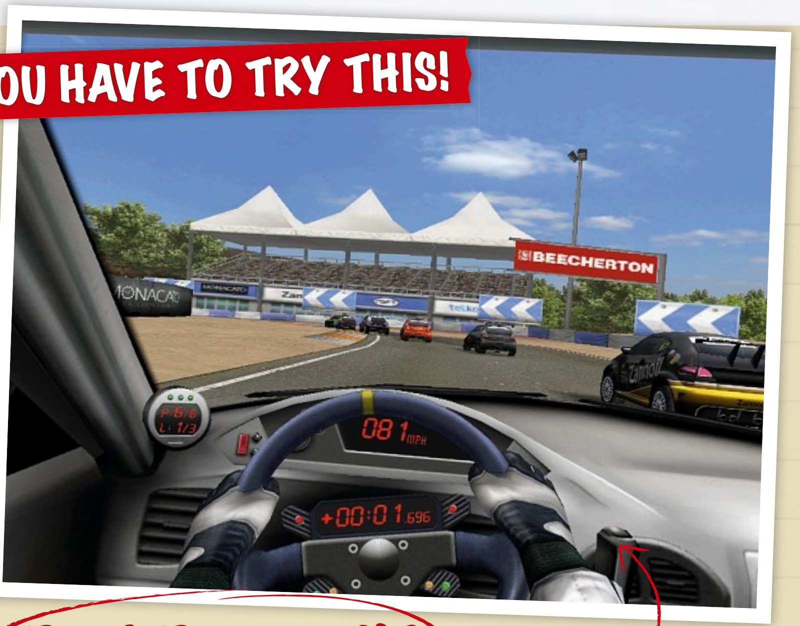
You'll find that holding an iPad for the first time is a curious experience. It's heavier than you expect and after a while your arm will start to ache and you'll want to sit down and cuddle up with it, rather than stand for an extended period.

As with the iPod touch and iPhone, the first thing you have to do with an iPad is to sync with your computer, copying across all the apps and media from your *iTunes* library. After the joy of unboxing the iPad this felt like a frustrating barrier to using it, but once the initial sync was done I was good to go.

Since the iPad runs the same OS as the iPhone I instinctively knew how to use it, but there are a few subtle differences that caught me out. For example, I found myself reaching for a nonexistent mute button a few times before I got used to it not being there (to mute the iPad you press and hold the down volume button). It's also missing some of the iPhone's staple apps, such as *Calculator* and *Messages*. In fact, the home screen looks strangely empty, with only nine icons filling less than half of it, plus the four on the OS X-style dock at the bottom. Despite this, I was instantly impressed by the vibrancy of the colours on the screen and the speed and fluency of using it. Everything is just so smooth: the way the screen flips between portrait and landscape mode when you rotate the device; the way the apps zoom when opened; the scrolling of pages in *Safari*, the virtual keyboard. It all just works so well. Probably because Apple has had time to fine-tune things with the iPhone, the iPad doesn't feel like a first generation product at all. It feels more like it's already matured.

You have access to all your purchased iPhone apps on the iPad, but get ready to be disappointed. To make the small iPhone apps fill the iPad's larger screen you tap a button to activate Pixel-Doubling mode – the problem is, this made most iPhone apps look so bad that I simply didn't want to use them and sought out proper iPad versions instead. Even at this early stage in its life, there was no shortage of iPad-specific apps on the App Store. Many are free, but you do need to be careful you don't go overboard buying new iPad apps – Apple just make it so easy and tempting to install new ones.

YOU HAVE TO TRY THIS!



Real Racing HD

Tilt the iPad to steer

Priced at £6 on the App Store, this racer gives you the chance to take your new iPad for a spin around the track. Simply tilt your iPad like a steering wheel to drive, and it takes care of the accelerating for you, unless you really want to change gear yourself.

My old iPhone games fared slightly better at being pixel-doubled, but still looked terribly fuzzy compared to games properly designed for the iPad.

Day two

Like most parents, I was intrigued to see what my kids would make of the iPad, especially my three-year-old, Jacob. He was already used to an iPhone, so when he saw the larger iPad his face was a genuine picture of the child-like wonder that Apple products supposedly seek to instil in us all. He had no problem turning the iPad on and navigating the different screens to find his favourite apps. There are plenty of great apps for kids to keep them entertained and learn as they have fun. *First Words* proved to be a big hit with Jacob, as did the free drawing app *Doodle Buddy*, especially once he worked out that he could paint little cartoon dog poos, complete with sound effect, all over the screen. Kids, eh?

A word of warning for parents here: once you've let your child have a play with an iPad, there's no going back! Later that week, when the device was being borrowed by Deputy Editor Chris Phin to review the *iWork* apps, Jacob sat on the sofa inconsolably wailing, "I want the iPad!".

I did feel a bit concerned for the iPad's safety in the hands of a three-year-old, but provided you supervise your children when they use it, it shouldn't be an issue. Apart from being dropped, the main danger comes in the form of scratches, so you're probably going to want to invest in a case of some kind. In fact, the biggest danger was accidentally sitting on it or knocking it off the coffee table. While a laptop can be stashed down the side of the sofa or behind a cushion, you're not going to want to risk the iPad in the same situation. One solution is provided by the iPad's Picture Frame mode, in which you can have it cycle through pictures or albums in your photo gallery. So I sat it in a dock on the mantelpiece and had it function as a digital photo frame, showing off pictures of the kids.

Jacob loves playing on the iPad with Dad

He adores those Angry Birds!

"Like most parents, I was intrigued to see what my kids would make of the iPad"

Day five

By now I'd had time to see how the iPad functioned as a work machine – Apple has released *Pages*, *Keynote* and *Numbers* in its attempt to broaden the iPad's functionality. We also picked up a few handy hardware additions from Apple: the iPad Dock, which enables it to stand up in portrait at a nice viewing angle so you can place it on a desk, and a wireless Apple keyboard that connects over Bluetooth.

If you read our review of the *iWork* suite this issue (starting on page 100) you'll see that the apps provide Apple's trademark ease of use and beauty, but are restricted in what they can do. Effectively the combination of

>> iPAD TIPS / Five great iPad timesavers revealed!

1. ADD APPS TO YOUR TRAY

There are four apps in the iPad's Dock (the shelf along the bottom of the Home Screen), however you can have up to six apps here for quick access. Press and hold any icon on the Home Screen until the icons start to wobble, then drag two more apps to your Dock.

2. USE SPOTLIGHT

Instead of wading through your contacts looking for somebody, it's much quicker to use Spotlight search. Flick right on the Home screen to access Spotlight search, or press the Home button. It also launches apps.

3. QUICKER WEBSITES

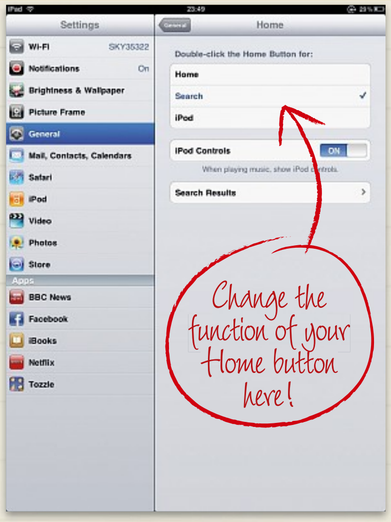
Save time typing web addresses in *Safari* by using the iPad's '.com' key when typing in a URL. If you hold down the '.com' key you get access to a menu that offers a '.co.uk' option.

4. TURN CAPS LOCK ON

To type a capital letter on the on-screen Keyboard you first tap the left or right ⇧ key, then the letter. If you need to type a whole word in caps, this can be painful. Save time typing in caps by turning Caps Lock on. To do this, double-tap on either ⇧ key.

5. REDEFINE YOUR HOME BUTTON

Double-clicking the Home button takes you to the home screen by default, but you can redefine its action in Settings > General > Home. To help save you time, you can also set it to bring up Spotlight search or the iPod application. Choose what's most convenient.



Double-click the Home Button for:
Home
Search ✓
iPod

iPod Controls ON
When playing music, show iPod controls.

Search Results >

Change the function of your Home button here!

Pages, a dock and keyboard turns the iPad into something similar to a MacBook, but it's not up to the same tasks. In fact, I didn't really feel comfortable using the iPad with a keyboard at all – I kept reaching for a non-existent mouse, simply through force of habit. Maybe this would change with time, but I was almost one week in and the combination of typing on a real keyboard and touching the screen to reposition the cursor still felt alien to me.

Day eight

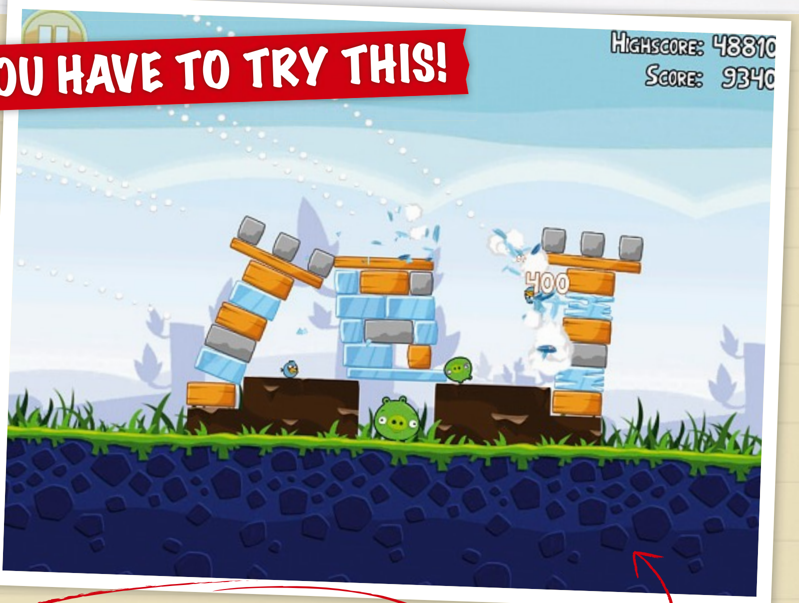
Most of the built-in applications are pretty much the same as their iPhone versions, just with slight makeovers. Three that really caught my attention were *Maps*, *YouTube* and *Calendar*. With *Maps*, what worked really well on the iPad was Street View. By dropping a pin anywhere on the map to enter this mode, I could take a walk down the nation's highways and byways from the comfort of my sofa. It's amazing on a Mac, but it felt even more so when holding the screen in my hands.

The *Calendar* app was a standout simply because it looks gorgeous, while the *YouTube* app seemed to take on a whole new lease of life on the iPad. I hardly ever use the *YouTube* app on the iPhone, but the size of the iPad made the interface a lot more intuitive, so I started to make more use of it. Which brings me nicely onto watching video on the iPad more generally. While the screen was gorgeous for displaying movies, being viewable at just about any angle, the glossy display made reflections a big issue. It was fine for one person watching a video, but when it came to people huddling around the iPad to view something, the reflections became a real problem.

Given the screen quality, many people will be looking at getting an iPad as an ebook reader. Since the iBooks Store hadn't yet been launched internationally, I had to log in using a US *iTunes* account to get access to it in the UK. But I had a great time using the iBooks Store – it really is *iTunes* for books, full of the usual slick Apple touches. I was given access to such classics as *Pride and Prejudice* and *The Adventures of Sherlock Holmes* for free, while for the commercial store I could get a sample chapter of each book before purchasing.

The reading experience is pretty good, but there are issues to be aware of. Firstly, the formatting of the free books is a bit of a mess, especially when it comes to contents pages. Secondly, I couldn't read books outside in the sunshine on the iPad – something that doesn't pose a problem on e-Ink devices such as the Amazon Kindle. On the whole though, the reading experience was good, and the fact that the screen is backlit did have advantages – I could read perfectly well at night without having to keep the bedside lamp on.

YOU HAVE TO TRY THIS!



Angry Birds HD

It's totally addictive!

This game (£3 on the App Store) has swept like a plague through the *MacFormat* offices. It's an incredibly addictive catapult flinging game, and perfect on the iPad's larger screen, since the extra room means you can see more of the level at once.

> "Given the screen quality, many people will look to the iPad as an ebook reader"

Day twelve

While I used to be a big gamer back in the day, apart from the odd round or two of *Wii Tennis*, I don't really play games any more. The iPad has changed all that. Because it's the sort of device I can just pick up and fiddle with while I'm in front of the TV, I've found my attentions regularly wandering away from the latest episode of *Dr Who* towards delightful little time-wasters like like *Angry Birds* and *Plants Vs Zombies*. iPad games do cost more than their iPhone equivalents, but they offer better graphics and more features. I've covered three of my favourite iPad games in little boxes, dotted around this feature, but there were many more I could have included. Here's my prediction: the iPad is going to force a lot of people to revaluate Apple as a gaming company. »

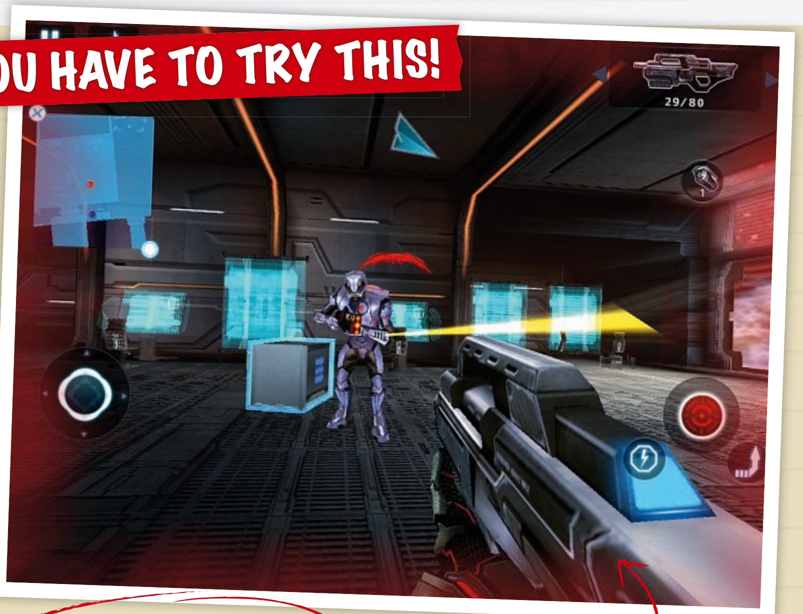
Thanks to booksellers Topping & Company of Bath, who were kind enough to let us shoot an ebook reader among real books!

The iPad gets plenty of envious looks!

But that's the thing about the device. It is, if you'll excuse the term, a blank slate. Installing a new app can change the functionality of the iPad entirely. One minute it's a games console, the next it's an ebook reader and the next it's for email. There's been a lot of talk (mainly from Apple, it has to be said) about the iPad creating a whole new category of computing. The more I warmed to the device, the more I realised that Apple really has achieved it. With just half the month gone, I already feel like this is the direction home computing is going to go in. In fact, once I got back to my MacBook using a real keyboard suddenly felt oddly old-fashioned, even quaint!

That's not to say that the iPad is the ultimate home computer. In use I found I naturally tended to use my MacBook for any work-related projects I had to do from home and the iPad for all the fun stuff. I don't really foresee this division changing when the iPhone OS 4 software update comes out later this year and adds multitasking functionality either.

YOU HAVE TO TRY THIS!



N.O.V.A. HD

It's got fantastic graphics!

At just £4 on the App Store, this first-person shooter, very much in the vein of *Halo* on the Xbox, is a bit of a bargain. Using a virtual joystick, you move around each level despatching baddies and solving puzzles. It'll definitely get your heart rate up!

Day fifteen

A train trip to London provided the perfect opportunity to test the iPad in the wild. To be honest, I felt really self-conscious getting on a train with one and using it in public. As expected, it did attract people's attention, with lots of folks approaching me and wanting to look at it and have a go. This interest will obviously die down as people get used to iPads, but it further confirmed my suspicions that the iPad is better enjoyed in private, at least for now.

The iPad comes in Wi-Fi and Wi-Fi + 3G versions. If you can afford it I'd definitely recommend going with the Wi-Fi + 3G version, because when I didn't have access to the internet on the iPad I found I really missed it. One money-saving solution I tried was the MiFi mobile broadband device from 3 (www.three.co.uk). This handy little battery-powered box slips into your pocket, connects to 3's 3G network and creates a mini Wi-Fi hotspot that you carry around with you. You can then connect your iPad to this network as you would with any Wi-Fi hotspot. This proved to be an effective solution – it works on a pay-as-you-go basis, and also saved £100 on the initial iPad purchase price. When it had a 3G signal, it worked perfectly; the downside is that it's 3G or nothing, so if there's no 3G coverage in the area, tough luck – there's no GPRS or EDGE to fill the gaps. Also, the iPad Wi-Fi + 3G features GPS ability, which is useful for some apps and recording metadata for photos. The final thing to note is that while the MiFi works on a pay-as-you-go basis, once you start using a purchased data bundle it times-out after 30 days, even if you've not used all your data. Also, the utility it provides to change the SSID and password only works in Windows; luckily I've got Windows on a partition on my MacBook, but this is still a letdown from a Mac perspective.

Setting up a wireless hotspot is easy with a MiFi.

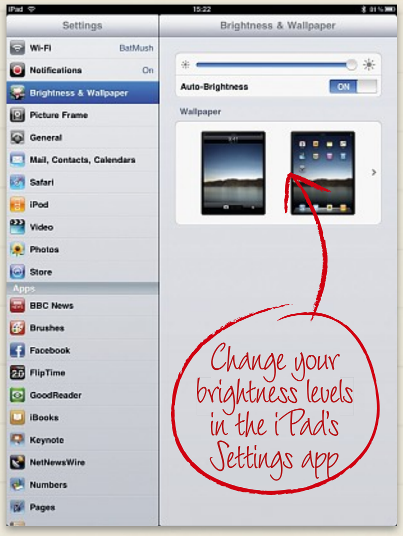
Using an iPad outside can be tricky when it's sunny!

> "Once I got back to my MacBook, the real keyboard felt old-fashioned, even quaint"

>> iPAD TIPS / The most common iPad annoyances – solved!

1. iPAD NOT CHARGING OR SLOW TO CHARGE

The iPad is a hungry beast, and requires a high-powered USB port to charge. Plug it into an old laptop and you get a 'not charging' message. Even with relatively recent laptops, it doesn't always work. For example, even on a recent aluminium MacBook, if we plugged our iPhone in first, then plugged in the iPad, it wouldn't charge. However, plug the iPad in first and your MacBook will allocate its USB port to 'high power' and work. But even if your iPad charges when connected to your USB device, you'll still find that it does so pretty slowly. For the fastest charge possible, plug your iPad directly into the mains using the supplied charging plug. Another useful tip to know is that if you put your iPad into sleep mode, then even older, lower-powered USB ports will be able to charge it, albeit slowly.



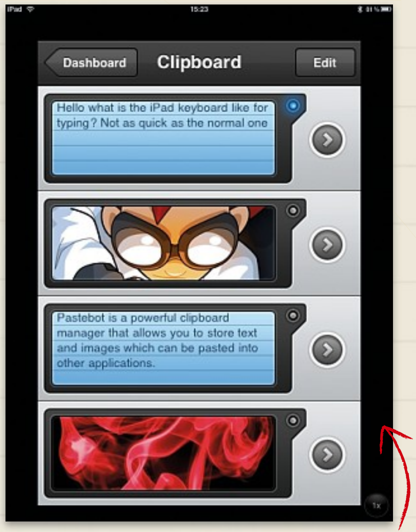
Change your brightness levels in the iPad's Settings app

2. LOSING THE NETWORK AFTER SLEEP

If you find that your iPad is losing connection to the network after it's been to sleep and you've woken it up, try turning the brightness up slightly. That's right, we're not kidding – it does sound like tech voodoo, but several users have reported that it completely fixed their problem. Go on, try it – what's the worst that could happen?

3. THERE'S NO WORD COUNT IN PAGES

Unbelievably, Apple hasn't included a word count in *Pages*, the iPad's premier word processor. While this might not matter to the casual user who simply wants to write a letter to their bank manager explaining why their iPad purchase tipped their account into the red, for anybody who has to write professionally, it matters. The solution is found in an app called *Pastebot* (**http://tapbots.com/software/pastebot**). It's a clipboard manager that not only enables you to copy multiple items to the clipboard, including images, but also gives you an automatic character or word count on any text you've selected. There are also websites that will enable you to get a word count on pasted text (**www.wordcounttool.com**).



Hello what is the iPad keyboard like for typing? Not as quick as the normal one

Pastebot is a powerful clipboard manager that allows you to store text and images which can be pasted into other applications.

You can get word counts by using PasteBot

4. NO PHONE CALLS

The iPad might look like a giant iPhone, but that's where the similarity ends. It's not a phone… unless, that is, you install a VoIP app such as the free *Skype*. The iPad has a microphone, so with *Skype* installed you can make calls and text at *Skype*'s competitive rates, or call other *Skype* users for free. The only problem is that you end up looking like *Trigger Happy TV*'s Dom Joly holding it up to your ear to talk – not that you have to do that, but everyone does the first time…

Day twenty-two

Despite the gorgeous Multi-Touch display, I'm beginning to think that the iPad's real killer feature is its battery life. This thing just doesn't give up! I suspect Apple's A4 processor might have some special features that make it particularly efficient at displaying video, because in tests that involved playing the same video over and over, I managed to get over 14 hours of playback! However, if I started doing anything else, such as playing games, I didn't get the same incredible level of performance. But it still lasted a long, long time – which is a good job because it's very slow to charge. I found it I was best off leaving it to recharge overnight every few days.

Day thirty

After a month of pretty serious full-time use, the conclusion I've come to is that the iPad is ultimately designed for lounging on the sofa with. Because it's pretty much instant-on, it's perfect for looking up the name of the actor in the film you're watching, or quickly checking Twitter or Facebook. (Or doing just one more level of *Angry Birds*.) You don't need a physical keyboard either, because the on-screen counterpart is perfectly usable – it has the same auto-correct technology as the the iPhone, but it has the space to make the keys much bigger, so your typing tends to be more accurate anyway. Having said that, if you're typing a long article you'll get tired of the virtual keyboard, but for shorter things it's perfect; email on the iPad works really well because of this.

My first month with the iPad has been a pretty trouble-free, thrill-packed ride. I'm completely converted. Just as we were sending this issue to press Apple announced UK pricing (see page 119), which starts at £429 for the 16GB version. This will undoubtedly put some people off, but I have to say, the iPad has replaced my MacBook as my main device for things like web browsing and email, it really is that good. iBooks is great too, and while I still love the feel of paper books, I can see myself getting through quite a few titles on my new digital companion.

> "I'm beginning to think the iPad's killer feature is its battery life – it just doesn't give up!"

Don't fall into the trap of thinking you can buy an iPad as a replacement for a notebook. Think of it as a peripheral, rather than a computer – it's better at consuming media than creating it. Talking about media consumption, some of you will be wondering how you can get *MacFormat* on your newly purchased iPads. Well, wonder no more! I've written a special tutorial on page 60 this issue that shows you how to do so, and if you're reading this on an iPad already, then I hope you're enjoying it as much as I am. You really need to hold the iPad in your hands and use it to get a feel for what a wonderful device it is – so take a trip to your local Apple retailer as soon as you can! ●

»SUBSCRIBE AND SAVE WITH MACFORMAT AND GET

Subscribe &

Mac FORMAT
All your Apple needs
20 GREAT MAC, iPOD & iPHONE TIPS AND TRICKS!
Do the things Apple won't let you do! p58
Power up iTunes
Add unmissable extras to your Mac's favourite media player!
84 PAGES OF ADVICE!
Games are back!
Secure your Mac
iWork on the iPad
techradar.com

Mac FORMAT
iPAD ON TEST
Faster! Smarter! Better!

Mac FORMAT
iWork
The Ultimate Guide

»DON'T MISS OUT!

Subscribers to *MacFormat* get access to the Subscriber area of **MacFormat.co.uk**, which contains a PDF version of each issue as it goes on sale, as well as an archive of back issues

OVERSEAS SUBSCRIBERS
Go to page 107 for great subscription savings!

»How to subscribe…

To subscribe to *MacFormat* for just £12.72 every 3 months by Direct Debit, and get your very own powermonkey-classic as your welcome gift, call 0844 848 2852 quoting reference P115 or subscribe online at:

www.myfavouritemagazines.co.uk/mfc/p115

Please use the full web address shown to enjoy this special offer

Terms & Conditions: This offer is open to new UK subscribers paying by Direct Debit only. Minimum subscription term is 12 months. Your subscription will start with the next available issue. You will receive 13 issues of *MacFormat* a year. Saving based on buying 13 issues of *MacFormat* from newsstand. Details of the Direct Debit guarantee available on request. If at any time during the next 60 days you are dissatisfied in any way, please notify us in writing and we will refund all unmailed items. In the unlikely event of stocks becoming exhausted, we reserve the right to replace with gift of similar value. Offer ends 23rd June 2010.

A GREAT WELCOME GIFT!

save 35%

PLUS get yourself a powermonkey-classic – the next generation of charger!

09:31
Orange
All your Apple needs
Mac FORMAT
This Week
MacFormat
This Week for January 25, 2010
MacFormat - This Week [Enhanced]

DON'T MISS OUT! With festival season and holidays just round the corner, you won't want to be without one!

The powermonkey-classic is the essential travel companion, providing portable power for your gadgets when you need it most.

Imagine you're on an important business trip and you've left your phone charger at home, or you're about to take that ultimate shot and the camera dies. Avoid nightmare scenarios like this with powermonkey's reserve power supply!

Small, agile and very powerful, the revolutionary powermonkey-classic can be left in your bag, car or desk and will be ready to provide you with emergency power when you need it most.

To keep the powermonkey-classic at full strength, just top it up with the universal main charger and make sure you have power wherever you are in the world.

»KEY FEATURES

Classic pack contains:

- Nokia & Mini Nokia, Micro USB, Samsung G600, LG Chocolate and Sony Ericsson wide connectors
- Mini USB for Motorola RAZR V3 and V3c, Blackberry and other Mini-USB powered devices
- 1x female USB charging tip for smart phones, PDAs and other USB powered devices
- 1x iPhone 3GS/iPod connector tip
- 1x DC4.0 connector for Sony PSP and specific digital cameras
- 1x USB retractable cable

Maximum reserve power available:

All iPods – 40 hours
Mobile phones – 96 hours
Digital cameras – 1,600 pictures
Two-way radios – 24 hours
Sony PSPs – 5 hours
MP3/MP4 players – 6 hours
PDAs – 48 hours

powertraveller

www.powertraveller.com

Power up iTunes

Craig Grannell explains everything you need to know to get the most from Apple's flagship media centre

Back in the beginning, *iTunes* was a smart, simple music player, but over the years it's evolved into one of Apple's most important applications. Although still used for managing and playing your music collection, *iTunes* now also stores apps, films, TV shows, podcasts, ringtones and books, and is the sole method for syncing content with iPods, iPhones, iPads and Apple TVs.

Like many of Apple's applications, *iTunes* is multi-layered. On the surface, it's straightforward and simple, but 'under the hood' it's also surprisingly feature-rich, offering many configuration options. Our aim is to enable you to tap into more of the power that *iTunes* offers. Over the page we'll showcase the app, but this time with a twist – we'll look at the lesser-known (but highly useful) features *iTunes* offers. Following on from that, we cover smart playlists, which are a great way to rapidly group tracks you love – and with very little effort.

Our final four pages explore add-ons that expand the *iTunes* experience, including the very best third-party applications and highly useful scripts. By the time you're done reading, you should be armed with everything you need to be a true *iTunes* master. >>

>> ON THE DISC
Find many featured apps on your disc

Illustration by MagicTorch

iTunes
File
Edit
View
Controls
Store
Advanced
Window
Help
Thu 10:52
End Over End
In Your Honour
Search Store
LIBRARY
Music
Films
TV Programmes
Podcasts
Books
Apps
Radio
STORE
iTunes Store
Purchased
DEVICES
iPad
SHARED
GENIUS
PLAYLISTS
Kate Nash
My Best Friend Is You
Earth Day
HOT CHIP
Welcome Graham!
TOP CHARTS
MacBook Pro

Master iTunes 9.1

Explore the interface and learn about lesser-known features

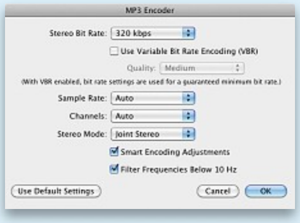
While it may have started out as a relatively simple audio player, *iTunes* is now something of a behemoth. Along with enabling you to store and manage music, the application has to deal with video, books, apps, ringtones and more. To Apple's credit, *iTunes* remains usable, and much of its complexity is 'hidden' under the hood. With a little exploration by way of this handy two-page tutorial, you should discover a number of useful *iTunes* options and features that you never knew existed. As noted elsewhere, we're assuming you've *iTunes 9.1* installed…

Library sources

Access to library sources is provided at the top of *iTunes'* sidebar. Shortcuts to various media types are displayed by default, and you can change which ones are shown via checkboxes in the **General** preferences (iTunes > Preferences to access these). Note: if sources you'd like to show are greyed out, they're probably disabled via parental controls. Those settings can be adjusted in the **Parental** section of the **Preferences** window.

Multiple windows

Although primarily designed as a single-window app, *iTunes* enables you to open most sidebar components (**Music** and connected devices being exceptions) in their own windows by ctrl- or right-clicking and selecting **Open in New Window**. This means that if you've a large monitor you can, for example, simultaneously view your music library and the iTunes Store.



MP3 Encoder

Stereo Bit Rate: 320 kbps

☐ Use Variable Bit Rate Encoding (VBR)

Quality: Medium

(With VBR enabled, bit rate settings are used for a guaranteed minimum bit rate.)

Sample Rate: Auto

Channels: Auto

Stereo Mode: Joint Stereo

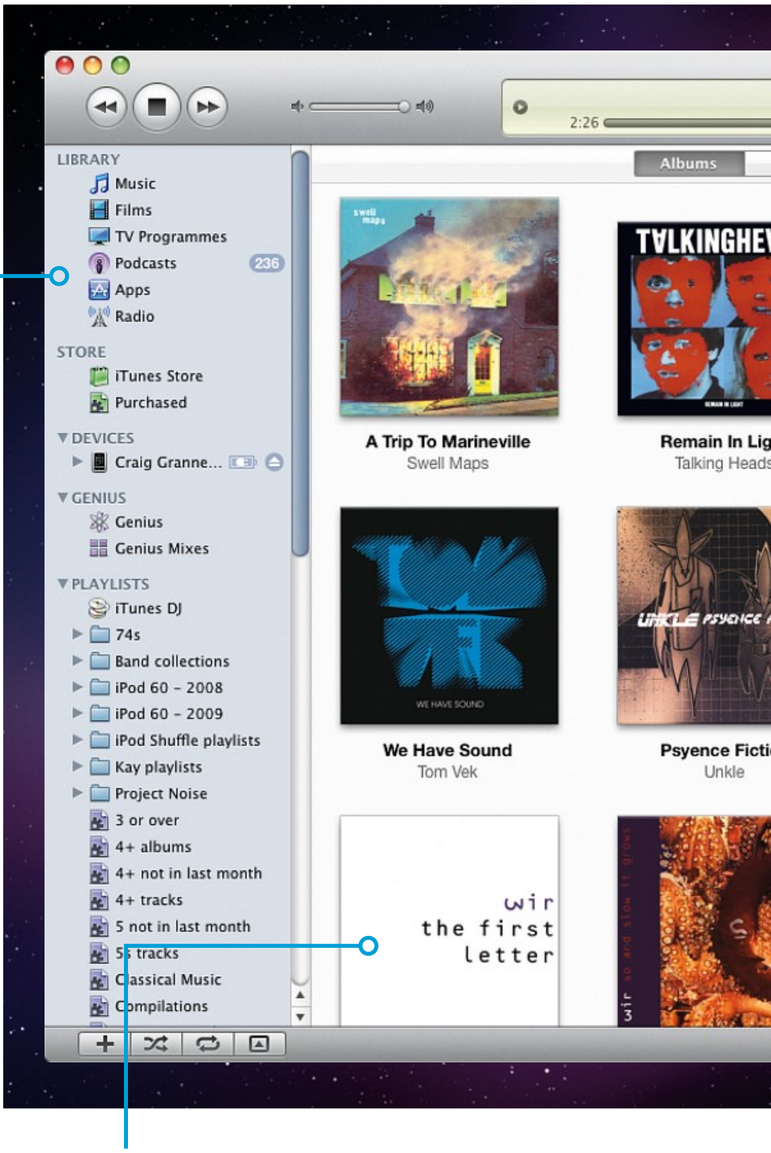
☑ Smart Encoding Adjustments

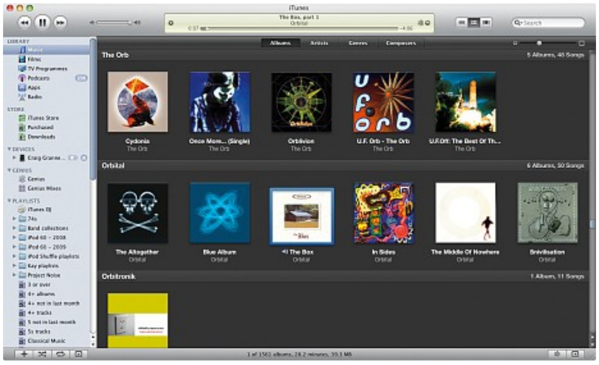
☑ Filter Frequencies Below 10 Hz

Use Default Settings
Cancel
OK

Import settings

By default, *iTunes* imports audio using the AAC Encoder set to 256kbps – the quality iTunes Store music is sold at. AAC's fine for iPods, but if you use a non-Apple player you may prefer to use MP3. Alternatively, if you've masses of storage, Apple Lossless is the best encoder, and *iTunes 9.1* now enables you to convert songs to 128kbps AAC when you sync a device. To amend settings, click **Import Settings…** in the **General** preferences.


2:26
LIBRARY
Music
Films
TV Programmes
Podcasts
236
Apps
Radio
STORE
iTunes Store
Purchased
DEVICES
Craig Granne…
GENIUS
Genius
Genius Mixes
PLAYLISTS
iTunes DJ
74s
Band collections
iPod 60 – 2008
iPod 60 – 2009
iPod Shuffle playlists
Kay playlists
Project Noise
3 or over
4+ albums
4+ not in last month
4+ tracks
5 not in last month
5 tracks
Classical Music
Compilations
Albums
A Trip To Marineville
Swell Maps
Remain In Lig
Talking Heads
We Have Sound
Tom Vek
Psyence Ficti
Unkle



Mastering Grid View

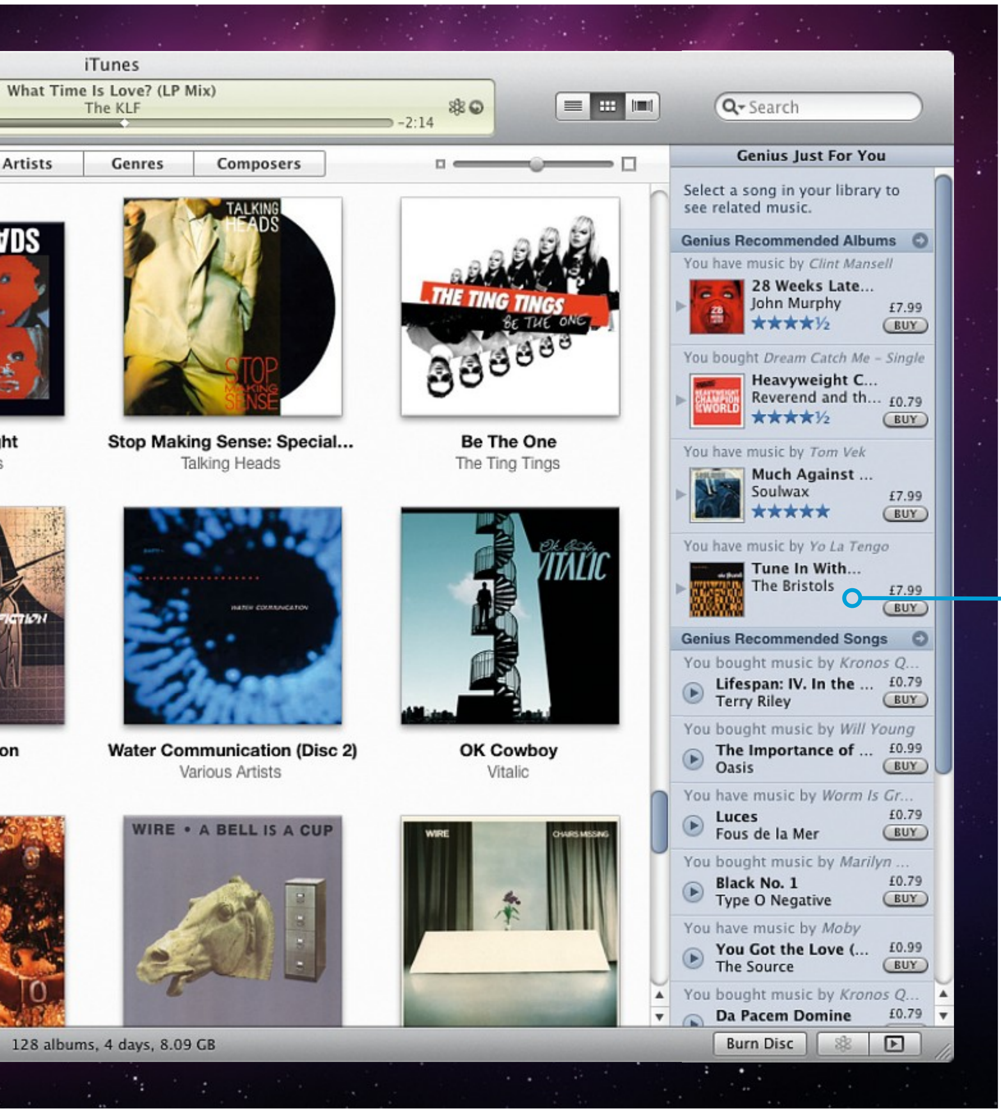
Grid View shows album covers. Hover and click **Play Selected** to play an album or ⌥-click **Play** to play from that album on. Double-click to access an album's tracks. Switch the background to light or dark via the **Grid View** option in the **General** preferences. Via View > Grid View, you can show/hide the header (which houses a zoom slider and grouping buttons) and toggle whether albums are grouped under artist names (**Group Albums**).

Exploring List View

Click the **Album** column header (ctrl-click anywhere in the table header and select **Album** if you don't see it) to reorder the list. Click the left-most triangular widget to toggle the artwork column. View > Column Browser > On Left makes column filtering akin to *Finder's* column view.

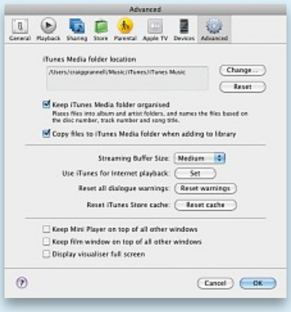
Resetting warnings

As of *iTunes 9*, the iTunes Store shopping basket was retired, making all purchases one-click. This is great for convenience, but not so great if you click by mistake. To reset purchase warnings, sign into your account and go to Store > View My Account, scroll down and click **Reset Warnings**. If you want to reset non-store *iTunes* dialogs, go to **Advanced** preferences and click **Reset warnings**.


iTunes
What Time Is Love? (LP Mix)
The KLF
-2:14
Search
Artists
Genres
Composers
Stop Making Sense: Special...
Talking Heads
Be The One
The Ting Tings
Water Communication (Disc 2)
Various Artists
OK Cowboy
Vitalic
Genius Just For You
Select a song in your library to see related music.
Genius Recommended Albums
You have music by Clint Mansell
28 Weeks Late...
John Murphy
£7.99
BUY
You bought Dream Catch Me – Single
Heavyweight C...
Reverend and th...
£0.79
BUY
You have music by Tom Vek
Much Against ...
Soulwax
£7.99
BUY
You have music by Yo La Tengo
Tune In With...
The Bristols
£7.99
BUY
Genius Recommended Songs
You bought music by Kronos Q...
Lifespan: IV. In the ...
Terry Riley
£0.79
BUY
You bought music by Will Young
The Importance of ...
Oasis
£0.99
BUY
You have music by Worm Is Gr...
Luces
Fous de la Mer
£0.79
BUY
You bought music by Marilyn ...
Black No. 1
Type O Negative
£0.79
BUY
You have music by Moby
You Got the Love (...
The Source
£0.99
BUY
You bought music by Kronos Q...
Da Pacem Domine
£0.79
128 albums, 4 days, 8.09 GB
Burn Disc

Organising your library

Want *iTunes* to organise your media? In the **Advanced** preferences, enable **Keep iTunes Media folder organised** and **Copy files to iTunes Media folder when adding to library**. Also, if you've upgraded *iTunes* from an older version than 9, go to File > Library > Organise Library, check **Upgrade to iTunes Media organisation** and **OK**. *iTunes* will then bring non-music folders to the top level of ~/Music/iTunes/iTunes Music.


Advanced
General
Playback
Sharing
Store
Parental
Apple TV
Devices
Advanced
Change...
Reset
Set
Reset warnings
Reset cache
Cancel
OK

iTunes Media folder location: /Users/craiggrannell/Music/iTunes/iTunes Music

☑ Keep iTunes Media folder organised
Places files into album and artist folders, and names the files based on the disc number, track number and song title.

☑ Copy files to iTunes Media folder when adding to library

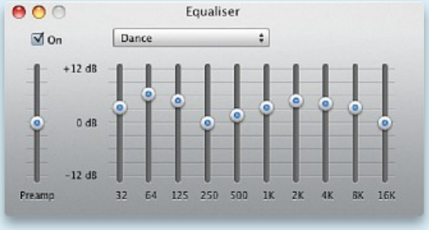
Streaming Buffer Size: Medium

Use iTunes for Internet playback:

Reset all dialogue warnings:

Reset iTunes Store cache:

☐ Keep Mini Player on top of all other windows
☐ Keep film window on top of all other windows
☐ Display visualiser full screen


Equaliser
+12 dB
0 dB
-12 dB
Preamp
32
64
125
250
500
1K
2K
4K
8K
16K

☑ On

Dance

Sound enhancement

Think the sound coming from your speakers could be improved? Open the **Equaliser** window (Window > Equaliser or ⌥+⌘+2), activate the equaliser and choose a preset from the drop-down menu. The sliders can be adjusted and custom settings stored by selecting **Make Preset** from the drop-down menu.

The Genius in iTunes

In the same way online stores examine your purchase history and present things you might like, *iTunes* has Genius. This appears in several forms: the sidebar shows links to store content you might like; a Genius playlist can be created by selecting a track and clicking the **Start Genius** button; and **Genius Mixes** are 'sealed' playlists based around genres.

KEYBOARD SHORTCUTS

View menu

As List	⌥+⌘+3
As Grid	⌥+⌘+4
As Cover Flow	⌥+⌘+5
Show/Hide Column Browser	⌘+B
Show Artwork Column	⌘+G
Show Genius Sidebar	⇧+⌘+G
Switch to/from Mini Player	⇧+⌘+M

Controls menu

Pause	[Space]
Next	⌘+▶
Previous	⌘+◀
Eject	⌘+E

Store menu

Back	⌘+[
Forward	⌘+]
Home	⇧+⌘+H

»

Smarter iTunes playlists

Discover how to power up your iTunes playlists with minimal effort

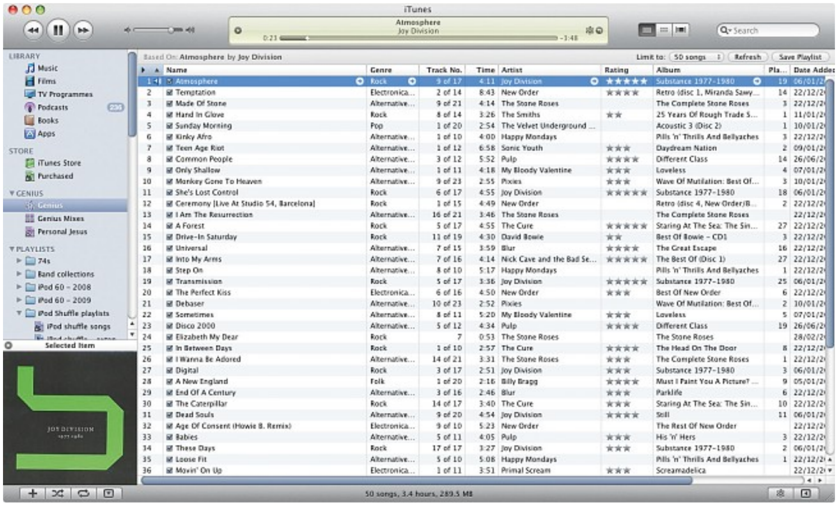
Technology moves pretty fast. Not a million years ago, people were wowed by low-cost cassette recorders, enabling them to spend a rainy Sunday afternoon happily compiling a 'mix tape' by carefully recording favourite tracks from a stack of vinyl LPs and singles. Once digital hit its stride, such endeavours were seen as a startling waste of time. With a music collection sitting on your hard drive, mixes could be made via the magic of drag and drop.

Since day one, *iTunes* has offered support for static playlists, and they're very easy to create. Click the invitingly large + button at the bottom-left of the main *iTunes* window (or go to File > New Playlist), name your playlist, and then drag tracks to it from your library. Tracks can be rearranged, and you can also drag tracks from one playlist to another; note that a track also remains in the playlist it was dragged from – it isn't removed. It's also worth noting, in case you're concerned, that playlists contain 'shortcuts' to the original tracks. Delete a playlist or an item from a playlist and the original track remains in your library.

An automated approach

With *iTunes 8*, Apple introduced its Genius technology, which aims to predict listening habits based on the collections of millions of *iTunes* users. In terms of playlists, this enables you to create a list of tracks based on a favourite. Select a track in your library then click **Start Genius** at the bottom-right of the *iTunes* window (or ctrl-click and select **Start Genius**). *iTunes* will create a 25-item playlist based on that track and fill it with similar songs. By using the controls above the playlist, you can extend it to 50, 75 or 100 items, refresh it, or save it.

Saved Genius playlists appear in the sidebar's **Genius** section, but **Genius Mixes** is included by default. Select this to access mixes that are genre-based, randomised and sealed. You can't access **Genius Mixes** to see which tracks are playing, nor view a full list of albums and artists, but they're nonetheless a handy 'personalised radio' for those days when even starting up a Genius playlist seems a bit too much like hard work.



Based On: Atmosphere by Joy Division

Limit to: 50 songs | Refresh | Save Playlist

	Name	Genre	Track No.	Time	Artist	Rating	Album	Pla...	Date Added
1	Atmosphere	Rock	9 of 17	4:11	Joy Division	★★★★★	Substance 1977–1980	19	06/01/2
2	Temptation	Electronica...	2 of 14	8:43	New Order	★★★★	Retro (disc 1, Miranda Sawy...	14	22/12/2
3	Made Of Stone	Alternative...	9 of 21	4:14	The Stone Roses		The Complete Stone Roses	3	22/12/2
4	Hand In Glove	Rock	8 of 14	3:26	The Smiths	★★	25 Years Of Rough Trade S...	1	11/01/2
5	Sunday Morning	Pop	1 of 20	2:54	The Velvet Underground ...		Acoustic 3 (Disc 2)	1	10/01/2
6	Kinky Afro	Alternative...	1 of 10	4:00	Happy Mondays		Pills 'n' Thrills And Bellyaches	3	22/12/2
7	Teen Age Riot	Alternative...	1 of 12	6:58	Sonic Youth	★★★	Daydream Nation	2	09/01/2
8	Common People	Alternative...	3 of 12	5:52	Pulp	★★★★	Different Class	14	26/06/2
9	Only Shallow	Alternative...	1 of 11	4:18	My Bloody Valentine	★★★	Loveless	4	07/01/2
10	Monkey Gone To Heaven	Alternative...	9 of 23	2:55	Pixies	★★★	Wave Of Mutilation: Best Of...	3	10/01/2
11	She's Lost Control	Rock	6 of 17	4:55	Joy Division	★★★★★	Substance 1977–1980	18	06/01/2
12	Ceremony [Live At Studio 54, Barcelona]	Rock	1 of 15	4:49	New Order		Retro (disc 4, New Order/B...	2	22/12/2
13	I Am The Resurrection	Alternative...	16 of 21	3:46	The Stone Roses		The Complete Stone Roses		22/12/2
14	A Forest	Rock	5 of 17	4:55	The Cure	★★★★★	Staring At The Sea: The Sin...	27	22/12/2
15	Drive-In Saturday	Rock	11 of 19	4:30	David Bowie	★★	Best Of Bowie – CD1	3	22/12/2
16	Universal	Alternative...	7 of 15	3:59	Blur	★★★★	The Great Escape	16	22/12/2
17	Into My Arms	Alternative...	7 of 16	4:14	Nick Cave and the Bad Se...	★★★★★	The Best Of (Disc 1)	27	22/12/2
18	Step On	Alternative...	8 of 10	5:17	Happy Mondays		Pills 'n' Thrills And Bellyaches	1	22/12/2
19	Transmission	Rock	5 of 17	3:36	Joy Division	★★★★★	Substance 1977–1980	25	06/01/2
20	The Perfect Kiss	Electronica...	6 of 16	4:50	New Order	★★★	Best Of New Order	6	22/12/2
21	Debaser	Alternative...	10 of 23	2:52	Pixies		Wave Of Mutilation: Best Of...	2	10/01/2
22	Sometimes	Alternative...	8 of 11	5:20	My Bloody Valentine	★★★	Loveless	5	07/01/2
23	Disco 2000	Alternative...	5 of 12	4:34	Pulp	★★★★	Different Class	19	26/06/2
24	Elizabeth My Dear	Rock	7	0:53	The Stone Roses		The Stone Roses		28/02/2
25	In Between Days	Rock	1 of 10	2:57	The Cure	★★★★	The Head On The Door	8	22/12/2
26	I Wanna Be Adored	Alternative...	14 of 21	3:31	The Stone Roses	★★★	The Complete Stone Roses	1	22/12/2
27	Digital	Rock	3 of 17	2:51	Joy Division	★★★	Substance 1977–1980	3	06/01/2
28	A New England	Folk	1 of 20	2:16	Billy Bragg	★★★★	Must I Paint You A Picture? ...	9	05/01/2
29	End Of A Century	Alternative...	3 of 16	2:46	Blur	★★★	Parklife	6	22/12/2
30	The Caterpillar	Rock	14 of 17	3:40	The Cure	★★★	Staring At The Sea: The Sin...	10	22/12/2
31	Dead Souls	Alternative...	9 of 20	4:54	Joy Division	★★★★	Still	11	06/01/2
32	Age Of Consent (Howie B. Remix)	Electronica...	9 of 10	5:23	New Order		The Best Of New Order		22/12/2
33	Babies	Alternative...	5 of 11	4:05	Pulp	★★★	His 'n' Hers	3	22/12/2
34	These Days	Rock	17 of 17	3:27	Joy Division	★★★	Substance 1977–1980	2	06/01/2
35	Loose Fit	Alternative...	5 of 10	5:08	Happy Mondays		Pills 'n' Thrills And Bellyaches	1	22/12/2
36	Movin' On Up	Electronica...	1 of 11	3:51	Primal Scream	★★★	Screamadelica		22/12/2

50 songs, 3.4 hours, 289.5 MB

Select any track in your library, click the Start Genius button and hey presto, you have a unique playlist!

Smart playlists

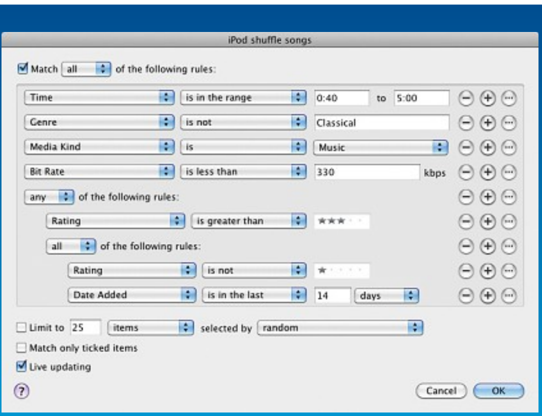
For anyone who requires a greater degree of control over their playlists, but isn't keen on doing everything manually, there is a halfway house in the form of smart playlists. Introduced in *iTunes 3*, smart playlists are dynamic, being filed based on user-defined criteria. Such things have since found their way into other areas of the Mac – smart folders in *Finder*, smart mailboxes in *Mail*, and so on – although the *iTunes* implementation is the most advanced and flexible at the time of writing.

» HOW TO / Target your iPods

Unless you have a clickwheel iPod, your Apple music player will have a relatively limited capacity. This is fine if your music collection is small, but if it isn't, you can always create a playlist with nested logic to fill it full of favourite tracks.

In the depicted example, the **Time** rule dispenses with very short and long tracks, classical music, and anything with a very high bit-rate (although you can automatically 'downsample' audio during syncing in *iTunes 9.1*). The **Media Kind** rule also restricts the playlist to music, filtering out spoken audio and the like.

The logic of the nested rules is as follows: tracks are only included in the playlist if they have a rating greater than 3 – unless they've been added within the previous 14 days and don't have a rating of 1. This means that you get recent tracks (including all unrated ones) populating the playlist unless you've already marked them as rubbish, but you only get favourites that are older.



☑ Match all of the following rules:

Time | is in the range | 0:40 to 5:00

Genre | is not | Classical

Media Kind | is | Music

Bit Rate | is less than | 330 kbps

any of the following rules:

Rating | is greater than | ★★★

all of the following rules:

Rating | is not | ★

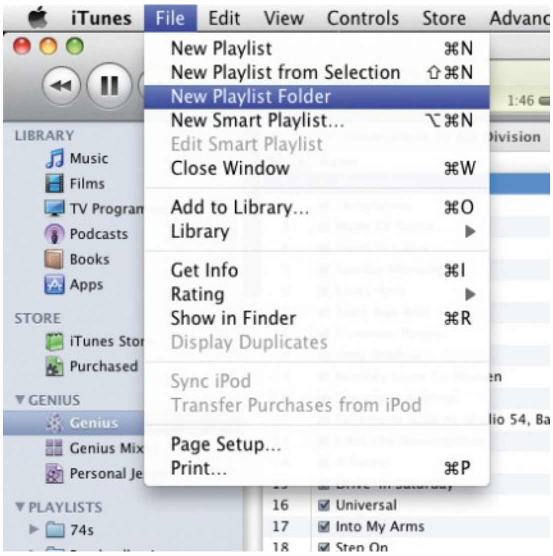
Date Added | is in the last | 14 days

☐ Limit to 25 items selected by random

☐ Match only ticked items

☑ Live updating

If you've an iPod shuffle, fill it with high-rated shortish tracks.


iTunes
File
Edit
View
Controls
Store
Advanc
New Playlist ⌘N
New Playlist from Selection ⇧⌘N
New Playlist Folder
New Smart Playlist… ⌥⌘N
Edit Smart Playlist
Close Window ⌘W
Add to Library… ⌘O
Library
Get Info ⌘I
Rating
Show in Finder ⌘R
Display Duplicates
Sync iPod
Transfer Purchases from iPod
Page Setup…
Print… ⌘P
LIBRARY
Music
Films
TV Program
Podcasts
Books
Apps
STORE
iTunes Stor
Purchased
GENIUS
Genius
Genius Mix
Personal Je
PLAYLISTS
74s
1:46
ivision
16 Universal
17 Into My Arms
18 Step On

File > New Playlist Folder adds a handy folder to the sidebar, into which you can drop static and smart playlists for easy access.

To create a new smart playlist, go to File > New Smart Playlist or use the keyboard shortcut ⇧+⌘+N. This brings up the Smart Playlist dialog box. To create a basic smart playlist, leave all the settings alone, but add your favourite artist to the empty field, and then click OK. Your new playlist will be added to the sidebar and highlighted. In the main *iTunes* view area you should see a list of tracks from the artist you added to the field.

The great thing about smart playlists is that they are dynamic and can be updated with new settings. Select your playlist and go to File > Edit Smart Playlist (or ctrl-click it and select Edit Smart Playlist). Click the + button and a new rule is added. Click the left-most menu and you have many criteria to select from. You can add as many rules as you like and define specific values for them. Using the Match menu, you can also define whether the playlist includes tracks determined by all of the rules or any of them. The former could be used to create a playlist of tracks by your favourite band, not including that one duff album (Album > is not > [album name]), and only from the 1990s onwards (Year > is greater than > 1989). To remove a rule, simply click the adjacent - (minus) button, although be aware there's no undo.

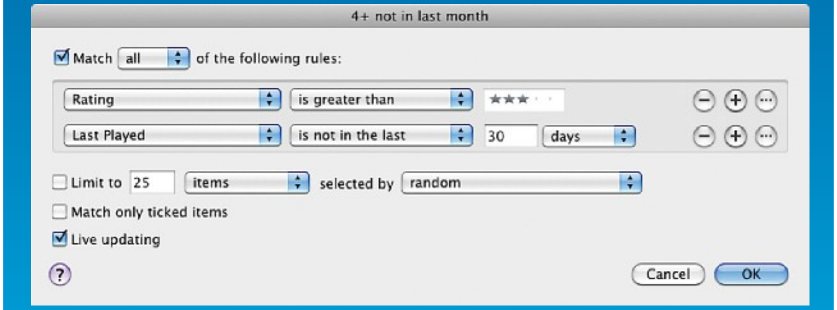
Advanced rules

In the Smart Playlist dialog box, there are a few options that can be selected to further refine your playlists. The Limit checkbox enables you to set a specific track count and also a selection criterion (random, recently played, and so on). There's also a Live updating box – if it's checked, relevant tracks subsequently imported into *iTunes* will be added to the playlist without you having to do anything.

With *iTunes 9*, Apple added a change that smart playlist gurus had been demanding for years: nested playlists. Before *iTunes 9*, complex playlists of the form 'A and (B or C)' had to be formed by making a 'B or C' playlist and then a second playlist to work with its output. Now, however, you can use the '…' button to create nested rule groups and therefore playlists with complex logic.

» HOW TO / Base playlists on ratings

Sometimes, the best smart playlists are simple ones. If you rate your tracks, create a smart playlist where track ratings are greater than 3 and call it '4+ tracks'. For those very best tracks, create a smart playlist with tracks rated 5. If you're always forgetting what music you've added over the past couple of months, create a smart playlist with the rule: Date Added > is in the last > 60 days, and where **Media Kind** is **Music**. Create a similar playlist, but change **60 days** to **12 months** to include songs you've added over the past year. Conversely, if you'd like to unearth lost favourites, create a playlist called '4+ not in the last month' and set rules based around track ratings (Rating > is greater than > ***) and when the tracks were last played (Last Played > is not in the last > 30 days).


4+ not in last month

☑ Match all of the following rules:

Rating | is greater than | ★★★

Last Played | is not in the last | 30 | days

☐ Limit to 25 items selected by random

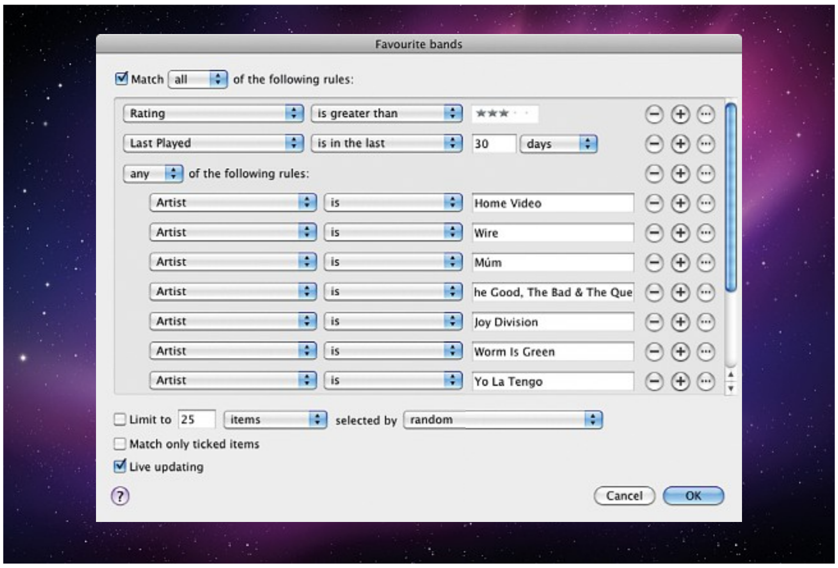
☐ Match only ticked items

☑ Live updating

Why not first try making a simple smart playlist for favourite tracks you've not heard recently.

If this concept sounds tricky in the abstract, here's a practical application for nested smart playlists. Say you want to create a playlist comprising tracks from 10 of your favourite bands, only using songs rated above four stars and that have not been played in over a month. Previously, this would have required two playlists, because the bands are an or/any match, whereas the other rules are an and/all match. With *iTunes 9*, you set up a single match all smart playlist with the time and ratings rules, and nest an any set that deals with the band names. An example of such a playlist is shown on this page, but the sky really is the limit with smart playlists, and once you've set a few up, you can let *iTunes* do all the hard work of adding tracks. It's a long way from waiting for a cassette to run out of tape!

An example of a nested playlist - these can be as simple or as complex as you like, so why not go crazy!


Favourite bands

☑ Match all of the following rules:

Rating | is greater than | ★★★

Last Played | is in the last | 30 | days

any of the following rules:

Artist | is | Home Video

Artist | is | Wire

Artist | is | Múm

Artist | is | he Good, The Bad & The Que

Artist | is | Joy Division

Artist | is | Worm Is Green

Artist | is | Yo La Tengo

☐ Limit to 25 items selected by random

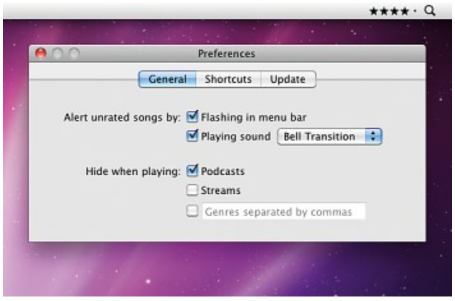
☐ Match only ticked items

☑ Live updating

»

The best iTunes add-ons

Why not try some of these top apps for expanding and improving your

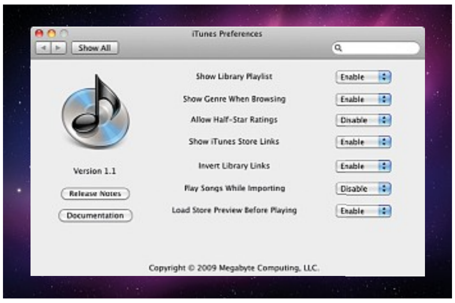

★★★★ ·
Preferences
General
Shortcuts
Update

Alert unrated songs by: ☑ Flashing in menu bar
☑ Playing sound Bell Transition
Hide when playing: ☑ Podcasts
☐ Streams
☐ Genres separated by commas

I Love Stars

Price: Free
URL: potionfactory.com/free

Even if you've only a modest music collection, the thought of rating all your tracks might seem overwhelming. However, a rated collection provides more scope for smart playlists, and *I Love Stars* enables you to rate as you go. Launch the app and it sits in the menu bar, showing the currently playing track's rating. To change the rating, click on the relevant star. ctrl-click to access the app's preferences, which enable you to define system-wide rating shortcuts. You can also optionally activate alerts, so *I Love Stars* flashes and plays a sound when an unrated song is almost done playing.


iTunes Preferences
Show All
Release Notes
Documentation

Show Library Playlist: Enable
Show Genre When Browsing: Enable
Allow Half-Star Ratings: Disable
Show iTunes Store Links: Enable
Invert Library Links: Enable
Play Songs While Importing: Disable
Load Store Preview Before Playing: Enable

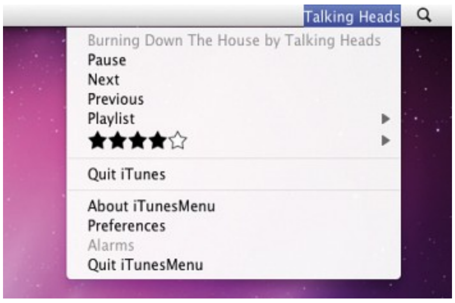
Version 1.1

Copyright © 2009 Megabyte Computing, LLC.

iTunes Preference Pane

Price: Free
URL: megabytecomp.com/apps.aspx

As with Mac OS X itself, Apple 'hides' a number of preferences from *iTunes* users, not making them accessible via a graphical user interface. *iTunes Preference Pane* installs into *System Preferences* and provides a number of options for tweaking *iTunes*. Perhaps the most useful setting is **Invert Library Links**, which turns the library arrows into links to your own library rather than the iTunes Store (⌥-click for the default functionality). The ability to apply half-star ratings will benefit anyone who considers Apple's out-of-five system too restrictive. Note: change settings when *iTunes* isn't running.

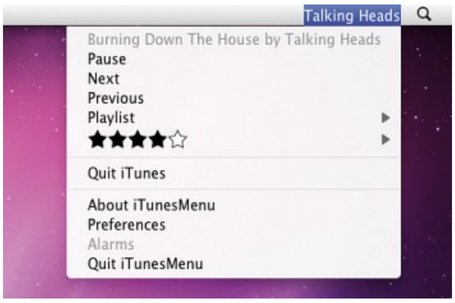

Talking Heads
Burning Down The House by Talking Heads
Pause
Next
Previous
Playlist
★★★★☆
Quit iTunes
About iTunesMenu
Preferences
Alarms
Quit iTunesMenu

iTunesMenu

Price: Free/$1.99
URL: www.mrgeckosmedia.com

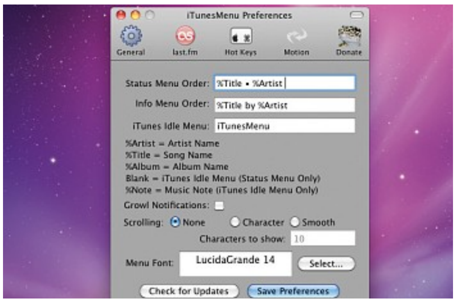
Although there are plenty of *iTunes* notification apps, they mostly take up valuable space on your computer's screen or get hidden by other windows. However, with modern Macs having widescreen displays, you often have space to spare in the menu bar along the top. *iTunesMenu* makes use of this space by enabling you to display the name of the song currently playing in *iTunes*, along with other information, such as the artist and album. The application's drop-down menu also provides access to basic *iTunes* controls, although we recommend your Mac's keyboard for those.

>> HOW TO / Set up iTunesMenu


Talking Heads
Burning Down The House by Talking Heads
Pause
Next
Previous
Playlist
★★★★☆
Quit iTunes
About iTunesMenu
Preferences
Alarms
Quit iTunesMenu

01 Get started

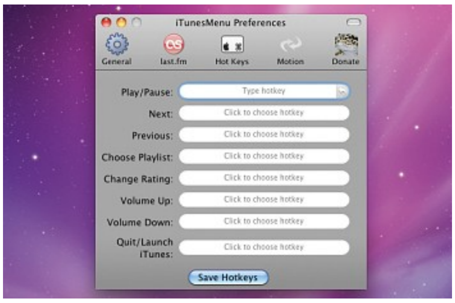
iTunesMenu communicates with *iTunes* to find out what the currently playing track is. The track artist is displayed in the menu bar, updating as new songs begin. Click the artist name to access the app's menu. Choose **Preferences** to configure the display.


iTunesMenu Preferences
General
last.fm
Hot Keys
Motion
Donate
Select...
Check for Updates
Save Preferences

Status Menu Order: %Title • %Artist
Info Menu Order: %Title by %Artist
iTunes Idle Menu: iTunesMenu
%Artist = Artist Name
%Title = Song Name
%Album = Album Name
Blank = iTunes Idle Menu (Status Menu Only)
%Note = Music Note (iTunes Idle Menu Only)
Growl Notifications: ☐
Scrolling: ● None ○ Character ○ Smooth
Characters to show: 10
Menu Font: LucidaGrande 14

02 Configure the display

Select **General** and decide what you want displayed in the menu bar. To show the title and artist, separated by a bullet and with a space afterwards, type **%Title • %Artist** into the **Status Menu Order** field then click **Save Preferences**. (Ensure **Scrolling** is set to **None**.)


iTunesMenu Preferences
General
last.fm
Hot Keys
Motion
Donate
Save Hotkeys

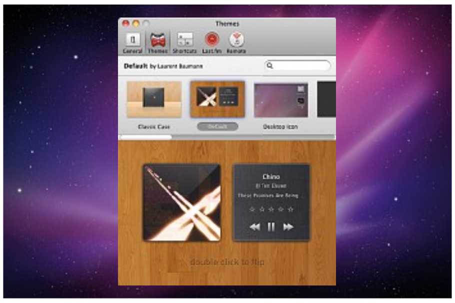
Play/Pause: Type hotkey
Next: Click to choose hotkey
Previous: Click to choose hotkey
Choose Playlist: Click to choose hotkey
Change Rating: Click to choose hotkey
Volume Up: Click to choose hotkey
Volume Down: Click to choose hotkey
Quit/Launch iTunes: Click to choose hotkey

03 Fonts and hot-keys

To change the *iTunesMenu* font, click **Select** and choose a new one from the Mac OS X **Fonts** panel. If your Mac keyboard lacks media keys, use *iTunesMenu's* **Donate** section to give $1.99, enter your activation key and use **Hot Keys** to define *iTunes* controls. ●

and how to use them

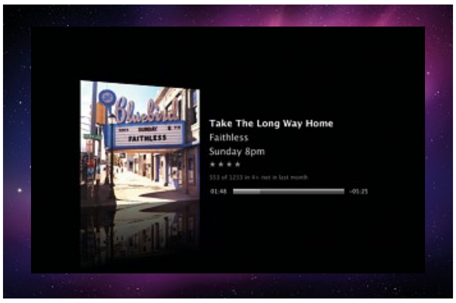
iTunes experience – you'll be surprised by their usefulness!



Bowtie

Price: Free
URL: bowtieapp.com

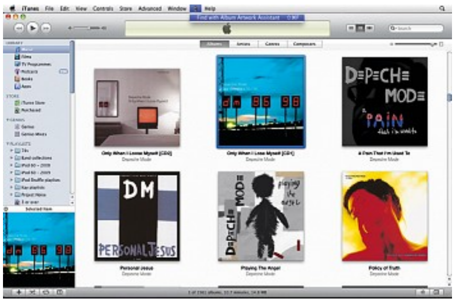
Bowtie is conceptually similar to *iTunesMenu*, but instead of showing the name of the current track in text form, it displays the parent album's artwork. Via *Bowtie's* preferences, the artwork window's depth can be defined (Desktop level, Normal, or Always on top). *Bowtie* also includes two alternate themes: one is purely text-based, while the other shows a tiny vinyl record poking out from behind the artwork (and utilises a pop-up to access track info). Additional themes can be downloaded (search Google for 'bowtie theme'), or if you have knowledge of HTML and CSS you can make your own.



Lounge

Price: $9.95
URL: snarbsoft.com/lounge.html

Lounge is an interesting mix of screensaver and *iTunes* kiosk, perfect for parties or just as a good-looking screensaver for any Mac. Instead of *iTunes*-style visualiser pyrotechnics, *Lounge* displays the current track's artwork and information. Options enable you to toggle keyboard control for skipping tracks and adjusting volume without exiting the screen saver, and you can also set the screen to flip periodically, to reduce the chances of screen burn. Another option enables you to define an alternate screensaver to switch to when the current playlist ends.

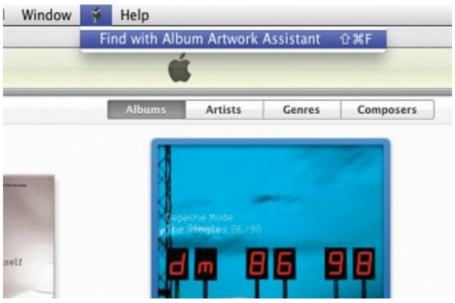


Album Artwork Assistant

Price: Free
URL: www.entropy.ch/software

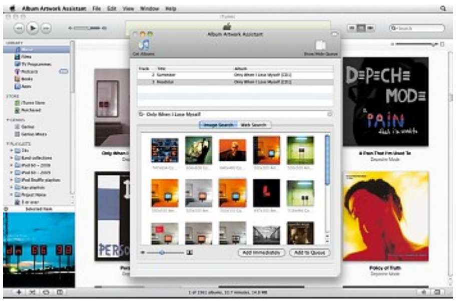
Various widgets exist for finding artwork for *iTunes* tracks sporting the default musical note cover. *Album Artwork Assistant* beats its rivals by being comprehensive and offering plenty of choice regarding potential artwork to import. Usefully, the application also provides a queuing system for when you'd like to work through a bunch of albums, rather than immediately applying new art every time. To use this feature, switch Add Immediately for Add to Queue in our walkthrough, and when you're done open the Queue draw and click Process Queue. There's a handy walkthrough below.

» HOW TO / Find artwork for your albums



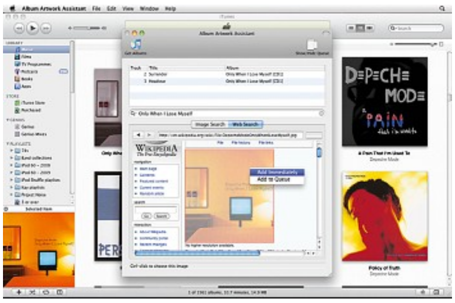
01 Install a script

Quit *iTunes* and *System Preferences*. In *Album Artwork Assistant*, select Install iTunes AppleScript from the Application menu, then click OK. Select a track or album in *iTunes* to change its artwork. From the Script menu, select Find with Album Artwork Assistant.



02 Select your artwork

Album Artwork Assistant will display the tracks to be updated. Below this list, the search string used is displayed, along with image results with a resize slider. To choose new artwork for your tracks, select an image and then click Add Immediately.



03 Find alternate artwork

Album Artwork Assistant may not find artwork right away for obscure releases. Try changing the search string. Alternatively, select the Web Search tab to activate the browser area. Once you find artwork to use, ctrl - or right-click it and select Add Immediately. ●

»

Add scripts to iTunes

The power of AppleScript can give you more options and features

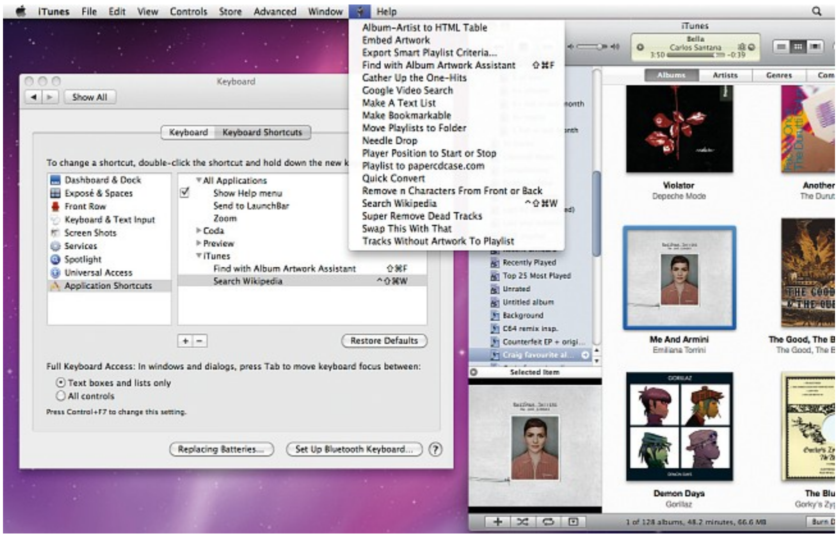
AppleScript is something of an unsung hero. It provides scope for automating repetitive tasks, but few users ever go near it. If you're an *iTunes* power user, scripts are a must, but you needn't hack away in *AppleScript Editor* – many pre-built *iTunes* scripts are available online. All you need to do is download them, plonk them in the *iTunes* Scripts folder, wait a second or two, and extra functionality is yours.

The walkthrough below shows you how to set up and manage scripts, so we'll concentrate here on the best available scripts, noting what they do and how to use them. All of the scripts mentioned are available for free from the Doug's AppleScripts for iTunes website (http://dougscripts.com/itunes).

Track management

If you've a pretty big music collection, keeping it in good shape can take time, and with thousands of tracks things can slip through the net. Scripts can assist you with management tasks, taking minutes or seconds to do what would usually take you hours or more.

One of the best 'house cleaning' scripts is Super Remove Dead Tracks. This finds songs in your library that are no longer available on your Mac. Every 500 tracks it throws up a dialog box to inform you of its progress, and you also get an optional text-based log file at the end, telling you which entries have been deleted. On our 13,500-track test library on a bog-standard 24-inch iMac, this entire process took under a minute.


iTunes
File
Edit
View
Controls
Store
Advanced
Window
Help
Album-Artist to HTML Table
Embed Artwork
Export Smart Playlist Criteria...
Find with Album Artwork Assistant ⇧⌘F
Gather Up the One-Hits
Google Video Search
Make A Text List
Make Bookmarkable
Move Playlists to Folder
Needle Drop
Player Position to Start or Stop
Playlist to papercdcase.com
Quick Convert
Remove n Characters From Front or Back
Search Wikipedia ^⇧⌘W
Super Remove Dead Tracks
Swap This With That
Tracks Without Artwork To Playlist
Keyboard
Show All
Keyboard
Keyboard Shortcuts
Dashboard & Dock
Exposé & Spaces
Front Row
Keyboard & Text Input
Screen Shots
Services
Spotlight
Universal Access
Application Shortcuts
All Applications
Show Help menu
Send to LaunchBar
Zoom
Coda
Preview
iTunes
Find with Album Artwork Assistant ⇧⌘F
Search Wikipedia ^⇧⌘W
Restore Defaults
Replacing Batteries...
Set Up Bluetooth Keyboard...
Violator
Depeche Mode
Me And Armini
Emiliana Torrini
Demon Days
Gorillaz
1 of 128 albums, 48.2 minutes, 66.6 MB

To change a shortcut, double-click the shortcut and hold down the new k

Full Keyboard Access: In windows and dialogs, press Tab to move keyboard focus between:

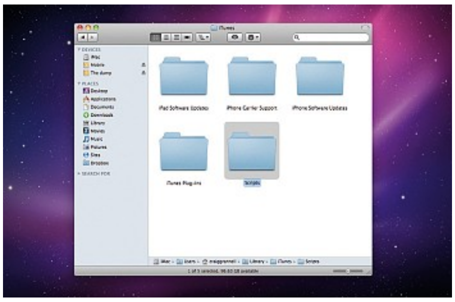
⦿ Text boxes and lists only
○ All controls

Press Control+F7 to change this setting.

If you regularly use a script, apply a keyboard shortcut via Keyboard Shortcuts in System Preferences.

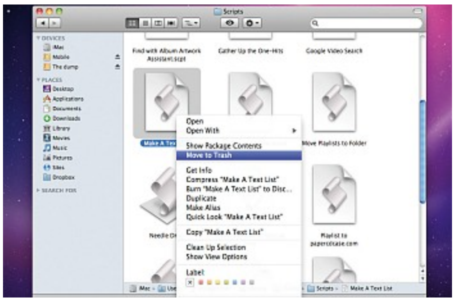
Tracks Without Artwork to Playlist is in a similar space. It enables you to select a library, playlist or an arbitrary bunch of tracks and copy songs without artwork to a new playlist. On activating the script, all you need to do is click Proceed, choose a name for your playlist and wait for a bit. On our iMac, the script took about five minutes to churn through our 13,500 tracks, finding about 1,500 that lacked artwork. With a 'no artwork' playlist in place, it's a simple process to send these tracks to *Album Artwork Assistant* (see page 39) in order to grab artwork online.

» HOW TO / Manage your Scripts folder


iTunes Plug-ins
Scripts

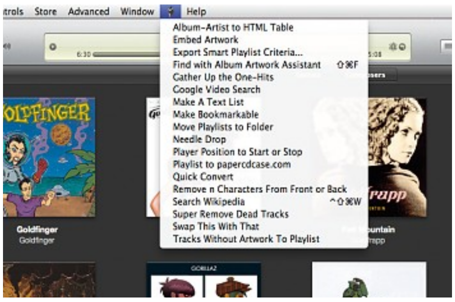
01 Create a scripts folder

If you've not installed scripts before, you won't have a scripts folder to use. To add one, quit *iTunes* and then use *Finder* to access ~/Library/iTunes (as in the Library folder that's found inside your Users folder) and, if one isn't present, create a new folder called Scripts.


Scripts
Open
Open With
Show Package Contents
Move to Trash
Get Info
Duplicate
Make Alias
Copy "Make A Text List"
Clean Up Selection
Show View Options
Label

02 Install and remove scripts

Managing scripts is a case of drag and drop. To install a script, drag it into the Scripts folder mentioned in step one. To remove one, drag it out of the folder or trash it. It's best to do such management when *iTunes* is closed, but *iTunes* typically tracks script changes well.


Window
Help
Album-Artist to HTML Table
Embed Artwork
Export Smart Playlist Criteria...
Find with Album Artwork Assistant
Gather Up the One-Hits
Google Video Search
Make A Text List
Make Bookmarkable
Move Playlists to Folder
Needle Drop
Player Position to Start or Stop
Playlist to papercdcase.com
Quick Convert
Remove n Characters From Front or Back
Search Wikipedia
Super Remove Dead Tracks
Swap This With That
Tracks Without Artwork To Playlist

03 Check things in iTunes

Launch *iTunes*. On installing a script (as per the previous step), you'll see a script icon in the menu bar between the Window and Help menus. This is where scripts are activated from. (Scripts can have keyboard shortcuts assigned in *System Preferences*, like other menu items.) ●

On the playlist front, another great script is Gather Up the One-Hits. It collects tracks where the artists are each represented in your library by just a single song. Chances are this will mainly comprise content from compilations, but we found a bunch of one-offs we'd grabbed from the iTunes Store and subsequently forgotten about.

Track info and playback

Along with rapidly cleaning up your library, scripts can be used to deal with metadata issues, without you having to open a single Get Info window. Quite often, the data *iTunes* downloads when you import tracks from CDs by fairly obscure artists isn't accurate. A common error is the artist and track name fields being reversed. The Swap This With That script from the This Tag, That Tag Scripts compilation can deal with this. Launch the script, select a tag to swap from and another to swap to, and your songs' data is amended. However, be aware that there's no undo.

If your niggles with track data are subtler, investigate Track Names to Sentence Caps and Track Names to Word Caps – both of which reformat cases in track names – and Remove n Characters From Front or Back. The last of those enables you to remove a specific number of characters from the start ('front') or end ('back') of a selection of song titles. So if some song titles have track numbers at the start or the likes of '[disc 1]' at the end, this script helps remove that information quickly and easily.

Once your track data is in order, scripts can also assist with playback controls. Needle Drop enables you to audition a selection of tracks in automated fashion, after defining playback length and an intro point. For example, you can play ten-second bursts from two-minutes into every track from a specified playlist.

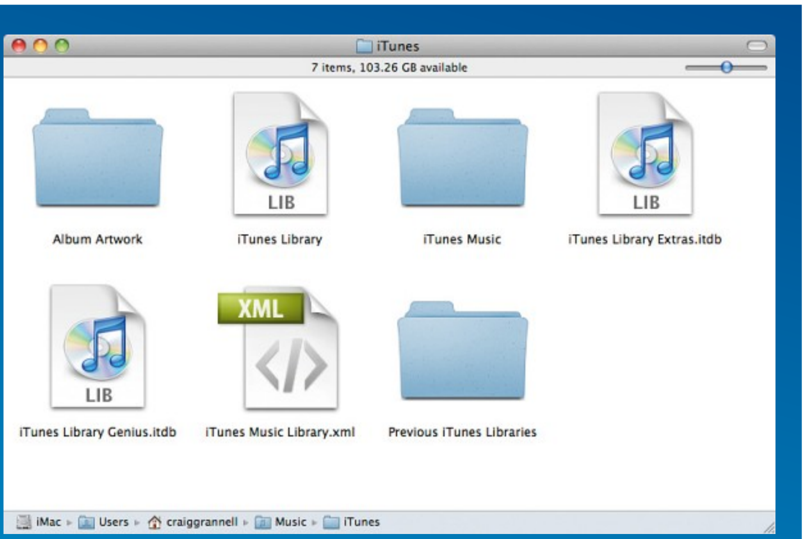
Another favourite is Make Bookmarkable, which attempts to turn the file type of selected AAC tracks into M4B, thereby making them 'bookmarkable', so playback resumes where you left off. Make UN-Bookmarkable reverses the process.

External considerations

Our final set of scripts involves taking your experience outside of *iTunes* in various ways. The first pair deals with discovering more about what you're listening to. Search Wikipedia and Google Video Search work in similar ways: select a script and a dialog appears asking whether you want to make a search based on the currently playing track or currently selected track. You're then asked to select a category to base the search on. For Wikipedia, you can select the artist, album or composer. For Google Video, you choose between song, artist and album. The dialogs aren't pretty, but they get the job done and save time.

Another set of scripts enables you to export track information from *iTunes*. Although this can be done using File > Library > Export Playlist, the resulting text file is complicated, huge and unwieldy. Instead, we recommend Album-Artist to HTML Table, which exports a list of your artists and albums (and, optionally, associated tracks, although processing that information takes a long time, so we don't recommend it) to an HTML document that you can open in a web browser. The script has a couple of quirks: you need to reorder your track list to Album by Artist for best results, and don't let the script open a browser when it's finished or you'll likely get an error. Instead, click Done and manually open the file it outputs.

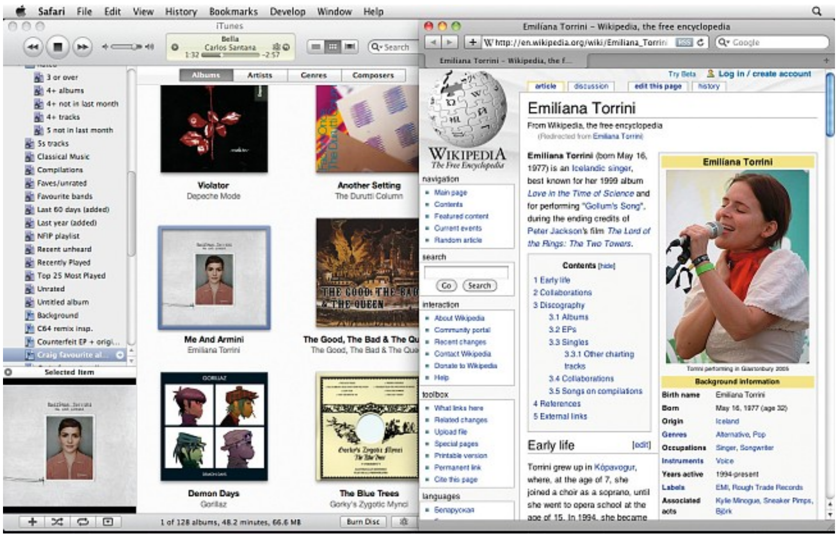
Another export option worth a look is Playlist to papercdcase.com. This enables you to export up to 28 tracks from a playlist to papercdcase.com (the site opens in *Safari*), which cunningly formats the data into a PDF file that can then be turned into a CD case, if you get your origami skills in order. ●


iTunes
7 items, 103.26 GB available
Album Artwork
iTunes Library
iTunes Music
iTunes Library Extras.itdb
iTunes Library Genius.itdb
iTunes Music Library.xml
Previous iTunes Libraries
iMac ▸ Users ▸ craiggrannell ▸ Music ▸ iTunes

Back up your iTunes library folders before doing anything major with scripts.

» HOW TO / Back up your iTunes folder

The add-ons mentioned elsewhere in this feature do relatively little to affect the content of your *iTunes* library. At most, they add a little data here and there, such as ratings and new artwork, and these things are easy enough to revert or delete at a later date. Scripts in *iTunes* can be a very different matter, because some of them automate complex and 'destructive' processes, including reworking and deleting tracks. We're not trying to scare you off – *iTunes* scripts can often be very handy timesavers – but what we are suggesting is that you work on strong foundations and don't just start using scripts blindly. Therefore, before you work with scripts that do anything major to your *iTunes* library, ensure that you first back it up. The **iTunes** folder – including your music, other digital content and databases – lives within the **Music** directory inside your user folder.


Safari File Edit View History Bookmarks Develop Window Help
iTunes
Emiliana Torrini – Wikipedia, the free encyclopedia
Albums Artists Genres Composers
Violator
Depeche Mode
Another Setting
The Durutti Column
Me And Armini
Emiliana Torrini
The Good, The Bad & The Queen
Demon Days
Gorillaz
The Blue Trees
Gorky's Zygotic Mynci
Selected Item
1 of 128 albums, 48.2 minutes, 66.6 MB
WIKIPEDIA
The Free Encyclopedia
Emiliana Torrini

Search for an artist or album on Wikipedia directly from within iTunes simply by using a little script.

MAMA FESTIVALS & ★CLASSIC★ ROCK

PRESENT

HIGH VOLTAGE

FESTIVAL

SATURDAY 24 JULY 2010	SUNDAY 25 JULY 2010

MAIN STAGE

SATURDAY 24 JULY 2010

ZZ TOP

heaven & hell

RONNIE JAMES DIO · TONY IOMMI · GEEZER BUTLER · VINNY APPICE

FOREIGNER

GARY MOORE

THE ANSWER

THE UNION

SUNDAY 25 JULY 2010

ELP

PLUS SPECIAL GUEST TBC

JOE BONAMASSA

BACHMAN & TURNER

UFO

THE QUIREBOYS

METAL HAMMER STAGE

Black Label Society

SAXON

CATHEDRAL • HAMMERFALL

ORANGE GOBLIN

BLACK SPIDERS • NEW DEVICE

down

Venom

CLUTCH

HIGH ON FIRE

AUDREY HORNE

LETHARGY

PROG STAGE

TRANSATLANTIC

Opeth

ASIA

DWEEZIL ZAPPA

MARTIN TURNER'S WISHBONE ASH

(PERFORMING ARGUS)

TOUCHSTONE • PENDRAGON

marillion

ARGENT

URIAH HEEP

(PERFORMING DEMONS & WIZARDS)

MAGNUM

STEVE HACKETT

FOCUS • THE REASONING

LONDON VICTORIA PARK

FESTIVAL'S 24 HOUR HOTLINE: 0871 230 5582

WWW.HIGHVOLTAGEFESTIVAL.COM

SUBJECT TO LICENSE

Custom built by rock fans, for rock fans

Photoshop Elements
File
Edit
Image
Enhance
Layer
Select
Filter
View
Window
Help
Wed 16:07
MacFormat
EDIT
CREATE
SHARE
crossprocess.jpg @ 26.6% (Levels 1, Layer Mask/8)
Normal
Dissolve
Darken
Multiply
Color Burn
Linear Burn
Darker Color
Lighten
Screen
Color Dodge
Linear Dodge (Add)
Lighter Color
Overlay
Soft Light
Hard Light
Vivid Light
Linear Light
Pin Light
Hard Mix
Difference
Exclusion
Hue
Saturation
Color
Luminosity
Opacity: 100%
Background
Palette Bin

"All the fun of chemical developing, just without the toxins!"

CROSS-PROCESSING IN PHOTOSHOP P44

In this issue...

PHOTOS

Simulate cross-processing 44
Add image details in iPhoto 46
Edit photos on your iPhone 48

MOVIES

Catalogue clips in iMovie '09 50
Take your movies on the road 53

OFFICE

20 Apple hacks 58
Get MacFormat on an iPad 62

SYSTEM

Keychain access 65
Master Mac OS X services 66
Share a mouse and keyboard 68
Lock down your Mac 70

How to...

● PHOTOS ● MOVIES ● MUSIC ● OFFICE ● SYSTEM

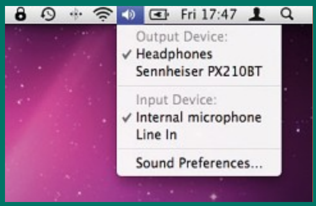
Christopher Phin
Deputy Editor

Sure, we've got plenty of tutorials in this issue to help you get the best from the creative side of your Mac, but we've also kicked things up a notch for those hoping to do a little more tinkering.

The jewel in the crown is Ian's tutorial on page 58, named, Ronseal-style, '20 ways to do things Apple doesn't want you to do'. We're not talking law-breaking, or even – in most cases – doing anything that will invalidate your warranty. But we thought it was about time we showed you a few of the tricks that some of the old seasoned pros have been using for ages.

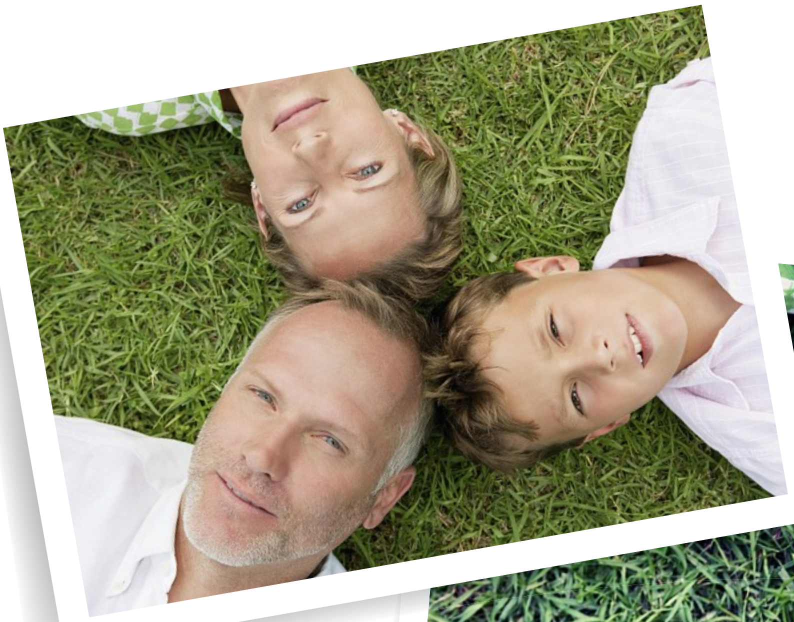
There's more, though. We'll take you on a tour of the **Services** menu in Snow Leopard to show you how you can turbo-charge the menial tasks you waste time doing every day, and how to lock down your Mac to protect it and its contents.

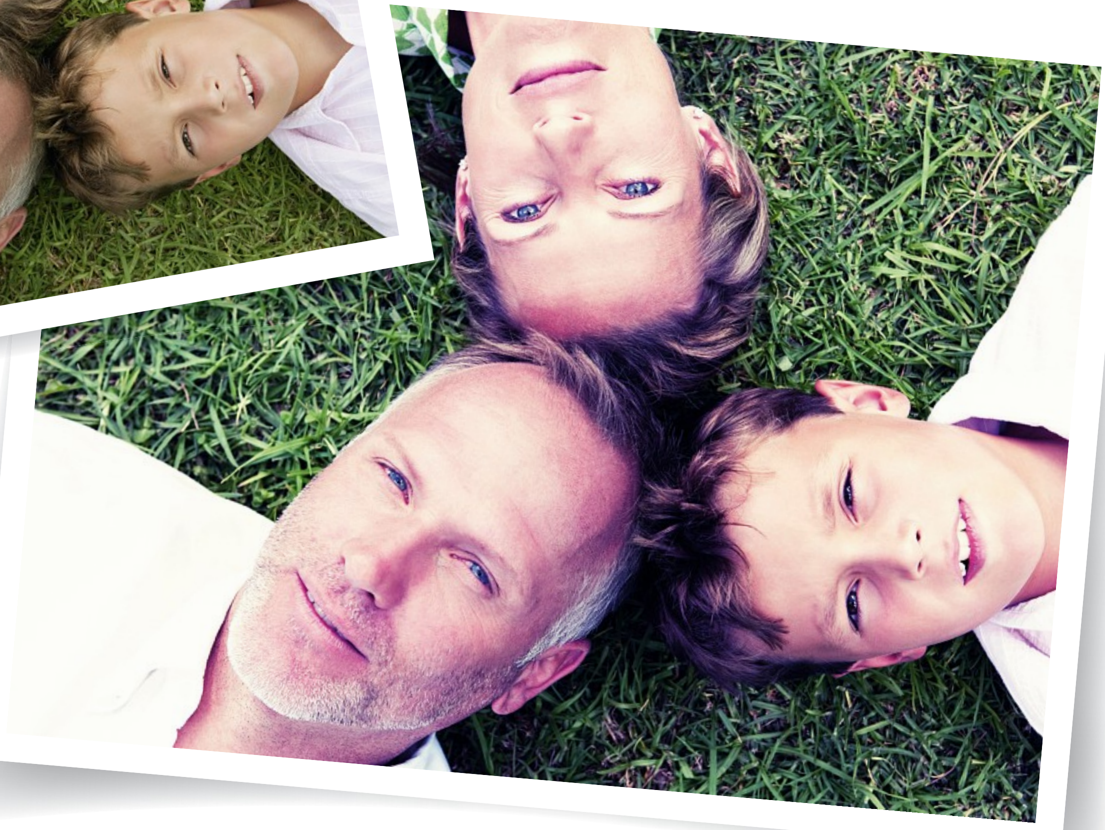
Perhaps most excitingly, however, is our tutorial on how to read *MacFormat* on an iPad. As well as offering purely digital Zinio subscriptions, anyone who subscribes to the physical magazine can download PDFs from **www.macformat.co.uk**, and on page 62 we show you how to load them onto your iPad to read wherever you are!


Fri 17:47
Output Device:
✓ Headphones
Sennheiser PX210BT
Input Device:
✓ Internal microphone
Line In
Sound Preferences...

>> DID YOU KNOW?

If you have more than one audio output on your Mac, you can easily switch between them in Snow Leopard by holding ⌥ as you click the volume icon in the menu bar.





Above: Ever had the feeling your modern camera outputs images that are too 'authentic'?

Right: Then spice up the scene in Photoshop with a subtle cross-processing effect for that 'lo-fi' look.

Simulate cross-processing

How to update a classic film technique for the digital age

KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: 30 minutes

WHAT YOU'LL NEED: Adobe Photoshop or Elements

Cross-processing is a technique that originated in the early days of film. It seems likely it was discovered by accident when a careless technician developed slide film in chemicals designed for colour negative film, or vice versa. The result is images with increased contrast and pronounced colour shifts. They're a million miles from the technically perfect pictures produced by today's digital cameras, but for many that's an advantage, not a drawback. It's all part of a surge in interest in 'lo-fi' photography.

Chemical-based cross-processing could produce wildly different results, depending on the film and the chemicals, so while it's easy enough to simulate these effects in *Photoshop*, there's no clear definition of what a 'cross-processed' image should look like. We can demonstrate a technique for achieving it, then, but feel free to tweak the settings according to your preference.

Broadly, the technique splits into two parts. The first is engineering the colour shifts characteristic of cross-processing, and the second is reproducing the contrast changes that usually go with it. Thanks to *Photoshop's* Blend modes, it's possible to combine both effects in a single adjustment layer.

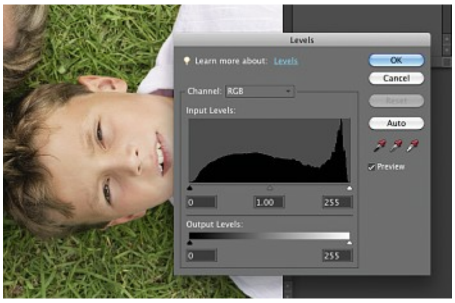
> *"The contrast of two colour channels is increased, while the contrast of the third channel is reduced"*

The basic principle is that you adjust the image's red, green and blue channels individually. The contrast of two of these channels is increased, while the contrast of the third channel is reduced. There are variations on this theme, depending on what each user thinks a cross-processed image ought to look like, but this is a good starting point.

The effect of these adjustments is hard to predict. What works for one picture might not work for another. But by using an adjustment layer you preserve your editing options, so you can tweak as much as you want.

Rod Lawton

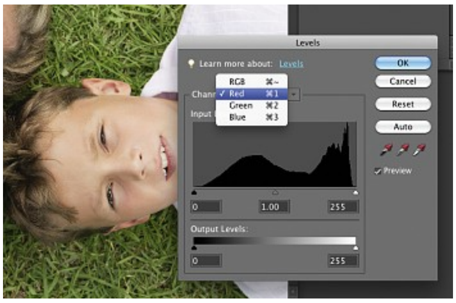
HOW TO / Apply a cross-processing effect


Levels
Learn more about: Levels
OK
Cancel
Reset
Auto
Preview
Input Levels:
Output Levels:

Channel: RGB
Input Levels: 0 1.00 255
Output Levels: 0 255

01 Adjustment layer setup

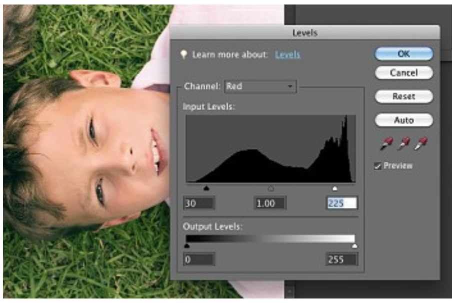
Normally you'd use a **Curves** adjustment layer to recreate the cross-processing effect, but these aren't available in *Photoshop Elements* so we're using a **Levels** adjustment layer instead. The effect is close enough to make little practical difference.


Levels
Learn more about: Levels
OK
Cancel
Reset
Auto
Preview
RGB ⌘~
✓ Red ⌘1
Green ⌘2
Blue ⌘3
Output Levels:

Input Levels: 0 1.00 255
Output Levels: 0 255

02 Select the red channel

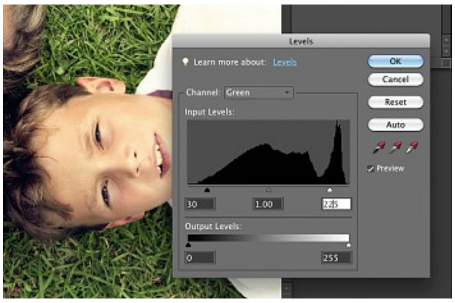
Cross-processing distorts the relationships between the individual colour components in the image. This can be simulated in *Photoshop* by adjusting the red, green and blue colour channels independently. First, we select the red channel.


Levels
Learn more about: Levels
OK
Cancel
Reset
Auto
Preview
Input Levels:
Output Levels:

Channel: Red
Input Levels: 30 1.00 225
Output Levels: 0 255

03 Increase the contrast

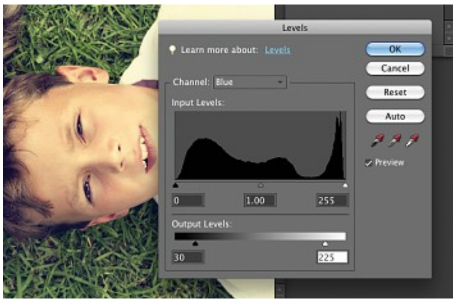
Now we need to increase the contrast of this channel. If we were using **Curves**, we'd adjust the shape of the curve into a flattened 's-shape'. Since we're using **Levels**, though, we need to drag the black point and white point sliders in from the edges.


Levels
Learn more about: Levels
OK
Cancel
Reset
Auto
Preview
Input Levels:
Output Levels:

Channel: Green
Input Levels: 30 1.00 225
Output Levels: 0 255

04 Repeat for green channel

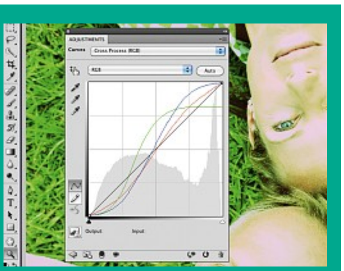
Now we do exactly the same with the green channel, and already it's possible to see some interesting changes. Adjusting channels individually produces different colour shifts in the shadows and highlights, even where the midtones remain more or less neutral.


Levels
Learn more about: Levels
OK
Cancel
Reset
Auto
Preview
Input Levels:
Output Levels:

Channel: Blue
Input Levels: 0 1.00 255
Output Levels: 30 225

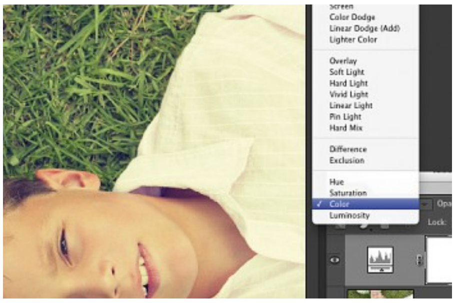
05 Reduce the blue contrast

Now we're going to handle the blue channel differently. Instead of increasing the contrast, we want to reduce it. As we're working with **Levels**, what we need to do is drag the output level sliders inwards, so that the blue channel's contrast range is reduced.


ADJUSTMENTS
Curves
Cross Process (RGB)
RGB
Auto
Output
Input

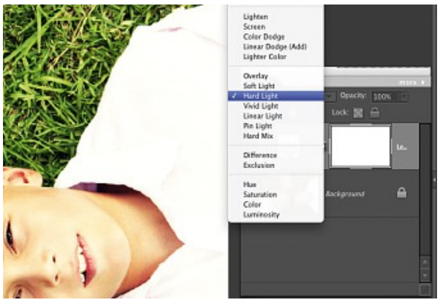
QUICK TIP

If you're using *Photoshop CS4*, create a **Curves** adjustment layer, open the **Curves** menu and select the **Cross Process** preset. The effect is different since this version changes the green channel relative to the rest, rather than the blue.


Screen
Color Dodge
Linear Dodge (Add)
Lighter Color
Overlay
Soft Light
Hard Light
Vivid Light
Linear Light
Pin Light
Hard Mix
Difference
Exclusion
Hue
Saturation
✓ Color
Luminosity
Lock:

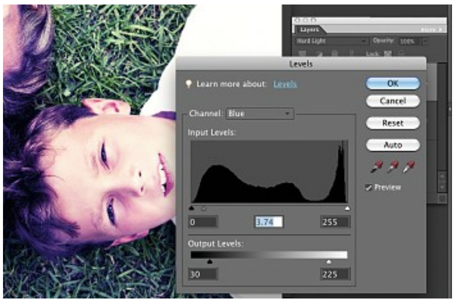
06 Color Blend mode

So far, we've stuck to conservative settings for a subtle effect. We can make it more subtle still by choosing a different **Blend** mode for the adjustment layer. **Color** mode blends in the cross-processed colours with the original colours to produce a light, low-contrast image.


Lighten
Screen
Color Dodge
Linear Dodge (Add)
Lighter Color
Overlay
Soft Light
✓ Hard Light
Vivid Light
Linear Light
Pin Light
Hard Mix
Difference
Exclusion
Hue
Saturation
Color
Luminosity
Opacity: 100%
Lock:
Background

07 Hard light Blend mode

Usually, though, cross-processing is associated with big increases in contrast; the way to do this is change the adjustment layer's **Blend** mode to **Hard light** instead. This makes a big difference, but you may want to increase the strength and direction of the colour shifts.


Layers
Hard Light
Opacity: 100%
Lock:
Levels
Learn more about: Levels
OK
Cancel
Reset
Auto
Preview
Input Levels:
Output Levels:

Channel: Blue
Input Levels: 0 3.74 255
Output Levels: 30 225

08 Adjust the colour shifts

To do this, double-click the adjustment layer to re-open the **Levels** dialog, select the blue channel, for example, and drag the gray point slider to the left to make the image lighter and bluer, or to the right to make it darker and yellower. Try it on the other channels too... ●

Add image details in iPhoto

Titles and descriptions are valuable tools for organising your pictures

»KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: 30 minutes

WHAT YOU'LL NEED:
iPhoto '08 or later

Similarly to other image-cataloguing programs, *iPhoto* enables you to add keywords to photos to help you find specific images at a later date. However, the application's support for keywords is fairly primitive compared to programs like *Aperture* or *Lightroom*, and there are other ways to add information to images in *iPhoto* that could prove a lot more effective.

These include the Title and Description labels. You can display your photos' titles directly beneath them in the normal viewing area by choosing this option from the View menu, and you can also change titles to make your pictures easier to identify. Although *iPhoto* starts off displaying a photo's filename as its Title, they are not the same thing. You can change the Title without changing the file's name on your hard disk, and you can use the same Title across a range of images – titles don't have to be unique.

A Description is slightly different but probably even more useful. You can view a photo's Description using the Information panel, displayed at the bottom of the sidebar. These are ideal for longer captions, explanations, notes or any other information you want to add.

Descriptions aren't displayed underneath images in the way that titles are, but they are always visible in the Information panel whenever an image is selected. The important point here is that they are used during searches, so this is an opportunity to add information that isn't suitable for the photo's Title or keywords.

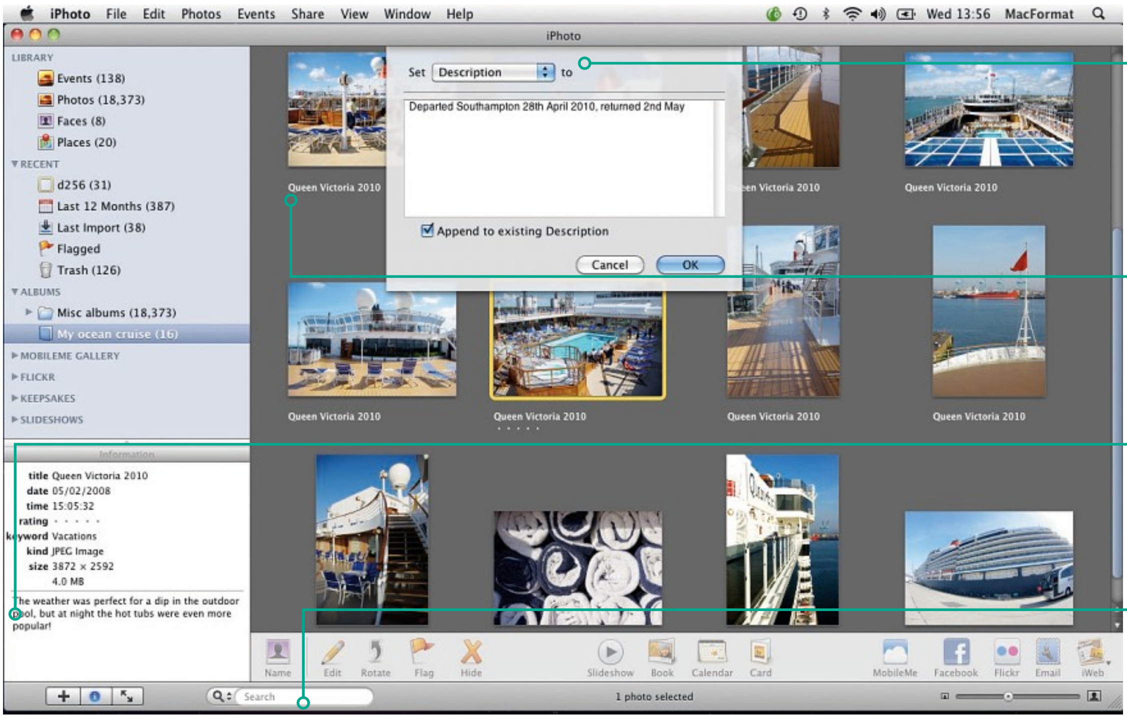
> *"Display your photos' titles directly beneath them in the normal viewing area via the View menu option"*

iPhoto's standard search box doesn't discriminate between titles and descriptions, but if you need this kind of control over your search results, you can achieve it with smart albums. These offer very precise control over the search criteria, so that you can choose exactly which image information is used.

Thanks to the Batch Change dialog, it's possible to add titles and descriptions to large numbers of images almost as quickly as adding keywords. Between the two methods, you can open up a whole new range of ways to keep your photos organised and identified so you can find the ones you want when you really need them.

Rod Lawton

»HOW TO / Access your photos' additional information


iPhoto
File
Edit
Photos
Events
Share
View
Window
Help
Wed 13:56
MacFormat
iPhoto
LIBRARY
Events (138)
Photos (18,373)
Faces (8)
Places (20)
RECENT
d256 (31)
Last 12 Months (387)
Last Import (38)
Flagged
Trash (126)
ALBUMS
Misc albums (18,373)
My ocean cruise (16)
MOBILEME GALLERY
FLICKR
KEEPSAKES
SLIDESHOWS
Information
Queen Victoria 2010
Queen Victoria 2010
Queen Victoria 2010
Queen Victoria 2010
Queen Victoria 2010
Queen Victoria 2010
Queen Victoria 2010
Name
Edit
Rotate
Flag
Hide
Slideshow
Book
Calendar
Card
MobileMe
Facebook
Flickr
Email
iWeb
Search
1 photo selected
Cancel
OK

Set Description to

Departed Southampton 28th April 2010, returned 2nd May

☑ Append to existing Description

title Queen Victoria 2010
date 05/02/2008
time 15:05:32
rating · · · · ·
keyword Vacations
kind JPEG Image
size 3872 × 2592
4.0 MB

The weather was perfect for a dip in the outdoor pool, but at night the hot tubs were even more popular!

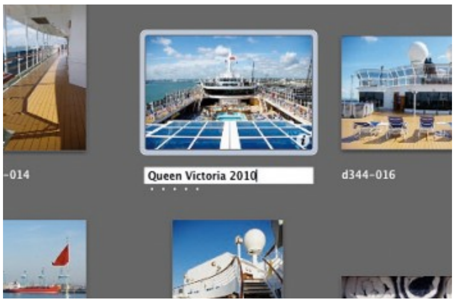
Batch Change
This box enables you to add titles and descriptions to lots of images at once.

Title defaults
Titles mimic filenames, but you can alter them whenever you like.

Information panel
Use the **Description** box to add more than a **Title** would allow.

Search box
This includes titles and descriptions for easier organising.

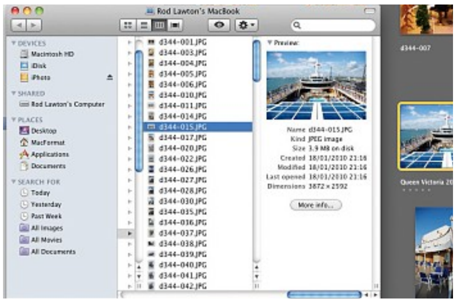
HOW TO / Add information to existing photos


-014
d344-016

Queen Victoria 2010

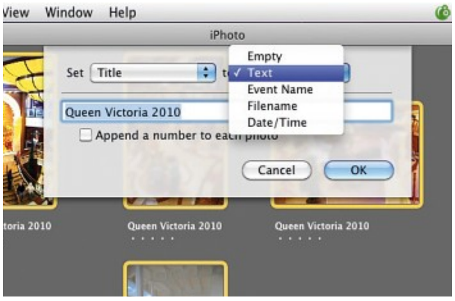
01 Type in a Title directly

Using filenames for titles isn't very descriptive and doesn't help you find the photos you're looking for. The quickest way to change a photo's **Title** is to first make sure the titles are displayed (View > Titles), then click on a **Title** to select it and type over it.


Rod Lawton's MacBook
DEVICES
Macintosh HD
iDisk
iPhoto
SHARED
Rod Lawton's Computer
PLACES
Desktop
MacFormat
Applications
Documents
SEARCH FOR
Today
Yesterday
Past Week
All Images
All Movies
All Documents
Preview:
More info...

02 Titles and filenames

The important thing to note is this doesn't change the original filename. If you right-click the photo and choose **Show Original File**, *iPhoto* will show its location in *Finder*. The other way to check this is by selecting Photos > Show Extended Photo Info.


View Window Help
iPhoto
Empty
Event Name
Filename
Date/Time
Cancel
OK
Queen Victoria 2010

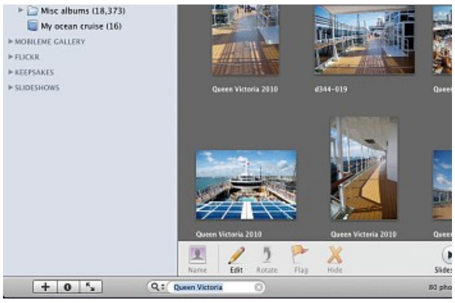
Set Title to ✓ Text

Queen Victoria 2010

☐ Append a number to each photo

03 Changing titles in batches

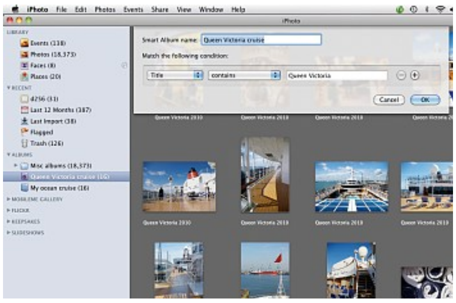
It's just as likely you'll want to apply titles in batches. You can do this by selecting the relevant photos and using the Photos > Batch Change command. There are also options available here for adding serial numbers or changing the date/time.


Misc albums (18,373)
My ocean cruise (16)
MOBILEME GALLERY
FLICKR
KEEPSAKES
SLIDESHOWS
Queen Victoria 2010
d344-019
Name
Edit
Rotate
Flag
Hide

Search: Queen Victoria

04 Titles and searches

Titles are included in searches in *iPhoto* using the search box at the bottom. These searches are indiscriminate, though, and as well as picking out photos with your search text in the titles, it will also display images that have that text in descriptions or keywords.


iPhoto File Edit Photos Events Share View Window Help
LIBRARY
Events
Photos
Faces
Places
RECENT
Last 12 Months
Last Import
Flagged
Trash
ALBUMS
Misc albums
My ocean cruise
MOBILEME GALLERY
FLICKR
KEEPSAKES
SLIDESHOWS
Cancel
OK
Queen Victoria 2010

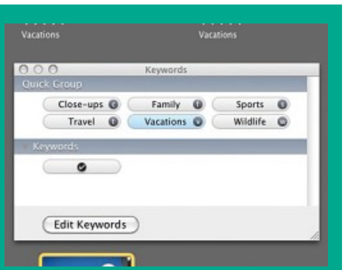
Smart Album name: Queen Victoria cruise

Match the following condition:

Title contains Queen Victoria

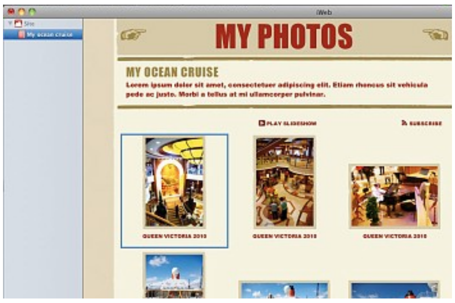
05 Titles and smart albums

Restrict searches to titles alone by using a smart album (File > New Smart Album). In the first pop-up choose the search condition (you want to search titles), in the second choose the operator (**contains** or **is**) and in the third box type the search text.


Vacations
Vacations
Keywords
Quick Group
Close-ups
Family
Sports
Travel
Vacations
Wildlife
Keywords
Edit Keywords

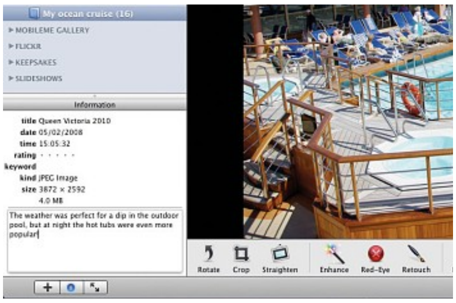
QUICK TIP

Keywords are another way to add information to your photos, but it's best to keep your keyword list restricted to fairly generic terms or it will quickly become unmanageable. Titles and descriptions are much better for very specific information.


iWeb
MY PHOTOS
MY OCEAN CRUISE
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Etiam rhoncus sit vehicula pede ac justo. Morbi a tellus at mi ullamcorper pulvinar.
PLAY SLIDESHOW
SUBSCRIBE
QUEEN VICTORIA 2010
QUEEN VICTORIA 2010
QUEEN VICTORIA 2010

06 Titles and web albums

Titles aren't just useful for instant recognition when you're browsing or for rapid searches. They are exported with your photos when you create a photo gallery web page in *iWeb* or a MobileMe album, and with other types of project too. This saves a lot of time.

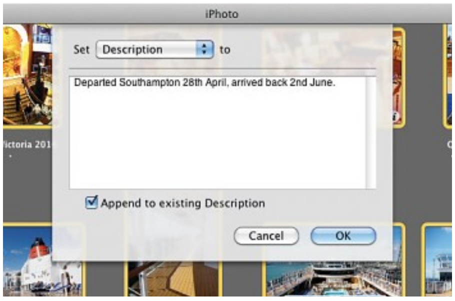

My ocean cruise (16)
MOBILEME GALLERY
FLICKR
KEEPSAKES
SLIDESHOWS
Information
Rotate
Crop
Straighten
Enhance
Red-Eye
Retouch

title Queen Victoria 2010
date 05/02/2008
time 15:05:32
rating · · · · ·
keyword
kind JPEG Image
size 3872 × 2592
4.0 MB

The weather was perfect for a dip in the outdoor pool, but at night the hot tubs were even more popular

07 Adding a Description

Titles are useful, but Descriptions enable you to store more information. To add or view a **Description**, display the **Information** panel using the button at the bottom-left of the *iPhoto* window. Titles need to be short and precise, but Descriptions can be nice and long.


iPhoto
ictoria 201
Cancel
OK

Set Description to

Departed Southampton 28th April, arrived back 2nd June.

☑ Append to existing Description

08 Appending descriptions

Descriptions can be added in batches too. First, choose this option from the **Set** menu in the **Batch Change** panel (see Step 3). Type the text you want to add, but make sure you check **Append to Existing Description**. This avoids overwriting what's already there. ●

Edit photos on your iPhone

Bring iPhoto-like functionality to your handheld Apple device

>> KEY INFO

DIFFICULTY: Beginner

TIME NEEDED: 15 minutes

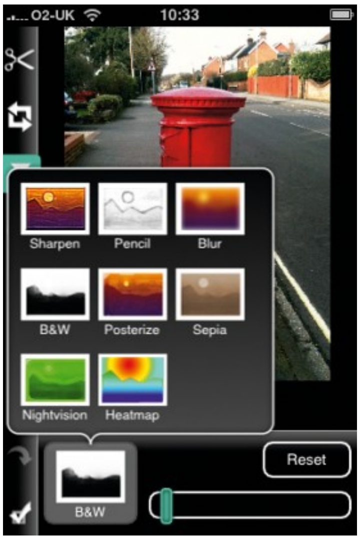
WHAT YOU'LL NEED: An iPhone, iPod touch or iPad, iPhone OS 2.2 or later (OS 3.0+ required for email/copying to clipboard), Photogene 2.5+

Although iPhone OS devices are primarily intended for consuming media, innovative developers and their apps ensure that an iPhone, iPod touch or iPad can also be used for creative tasks. Currently one of the most exciting sections of the App Store is 'Photography' – there are dozens of fantastic, affordable apps for editing and modifying photos on the fly, often in a fraction of the time it would take to do something similar using a desktop app.

In this tutorial, we're using *Photogene*, a user-friendly, low-cost app (£1.19 at the time of writing – see http://mobile-pond.com for more on the product) that brings to your device the kind of editing features you're more likely to expect on your Mac in *iPhoto* – cropping, straightening, sharpening, colour balance, levels and rotation.

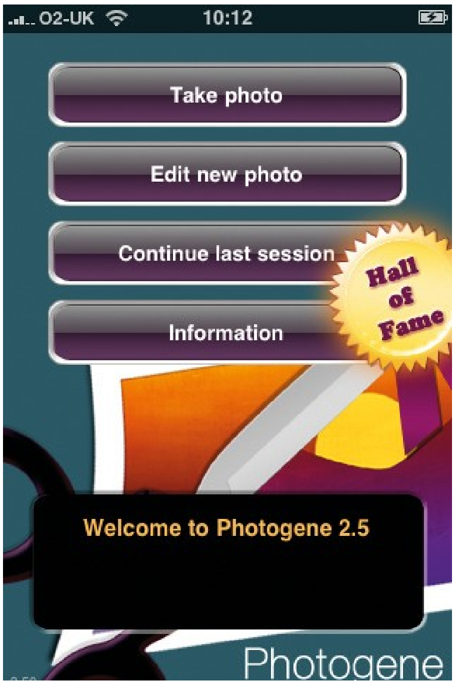
Photogene's intended as an editing environment for iPhone users on the move – you can take a photo from within the app or you can grab one from your Camera Roll. While you can also import images from albums in your *Photos* app (thereby ensuring iPod touch and iPad users aren't in the dark), be mindful that *iTunes* automatically reduces the size of photos sent to your device, which means they're perfectly adequate for sending in emails and viewing on a small screen, but not so great for printing and sticking on the wall!

Craig Grannell



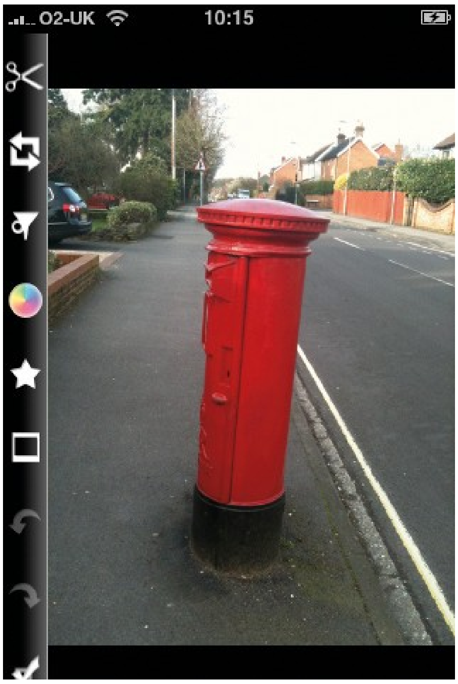
Photogene also has non-destructive filters.

>> HOW TO / Enhance an image in Photogene



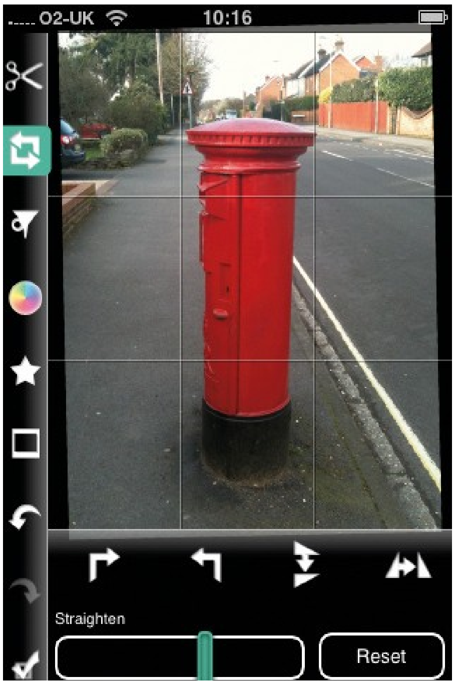
01 Get started

In *Photogene*, tap **Take photo** to snap a picture to work on, **Continue last session** to work on an existing in-progress edit, or **Edit new photo** to use a photo from the *Photos* app.



02 Import a photo

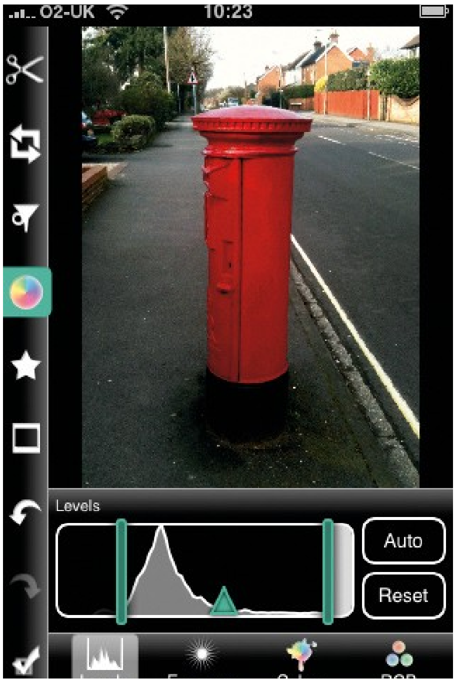
Tap **Edit new photo**, navigate to your chosen image and select it. The photo will load into *Photogene*. We've selected a photo of a fetching red postbox, but it's wonky and dull.



03 Straighten your image

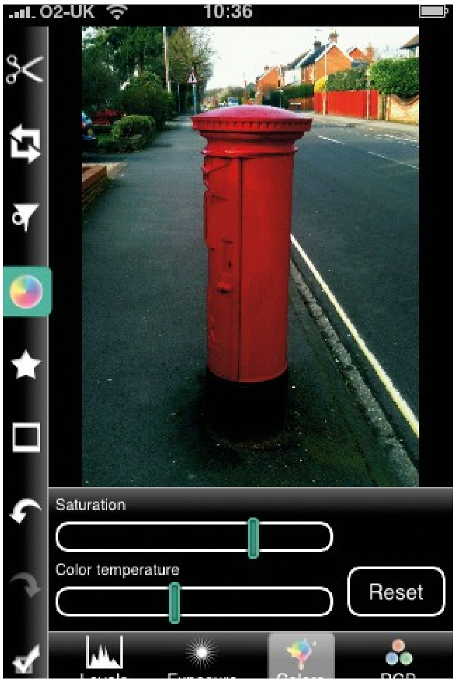
Tap the toolbar's rotate icon. Use the horizontal button-set to rotate or flip your image. Alternatively, drag the **Straighten** slider to straighten your photo, assisted by the grid.

HOW TO / Enhance an image in Photogene


O2-UK
10:23
Levels
Auto
Reset

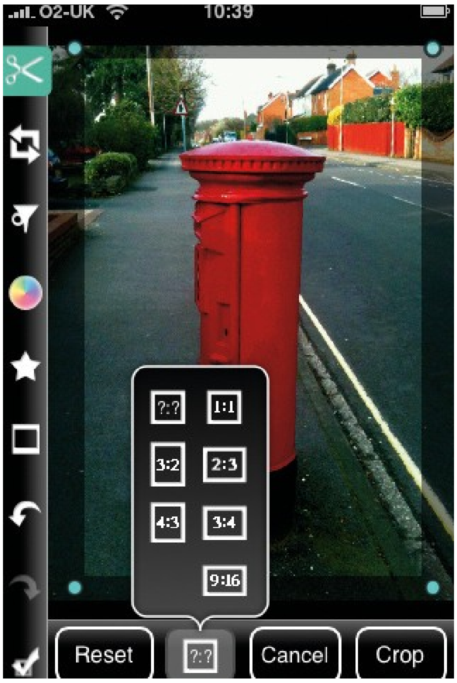
04 Enhance levels

Tap the fourth icon down. Select **Levels** from the toolbar and tap **Auto**. *Photogene* will automatically adjust the levels, adding punch to colours. Drag the sliders to fine-tune settings.


O2-UK
10:36
Saturation
Color temperature
Reset

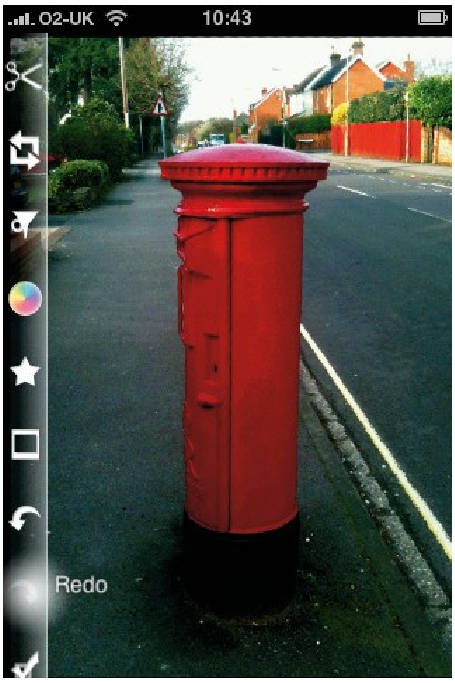
05 Boost and amend colours

Tap **Colors** and use the sliders to amend saturation and colour – boosting the former and dropping the latter produces a nice effect. Tap **RGB** for channel-specific controls.


O2-UK
10:39
?:?
1:1
3:2
2:3
4:3
3:4
9:16
Reset
?:?
Cancel
Crop

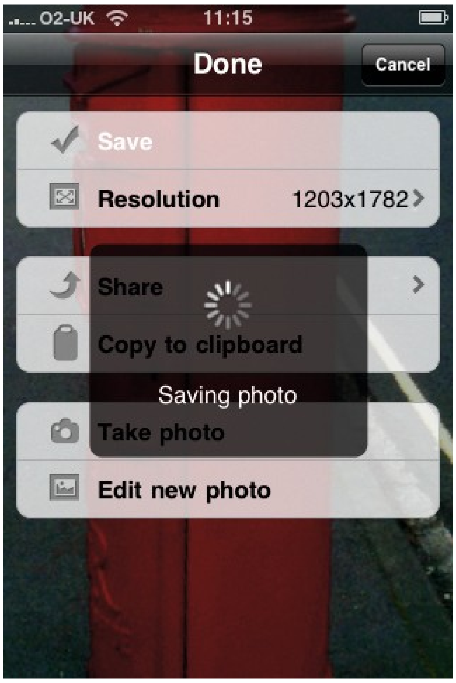
06 Crop your image

Tap the scissors icon to access crop tools. Drag the crop area's corners for a live update of its dimensions. Tap **Crop** to confirm, or crop to a specific ratio via the depicted menu.


O2-UK
10:43
Redo

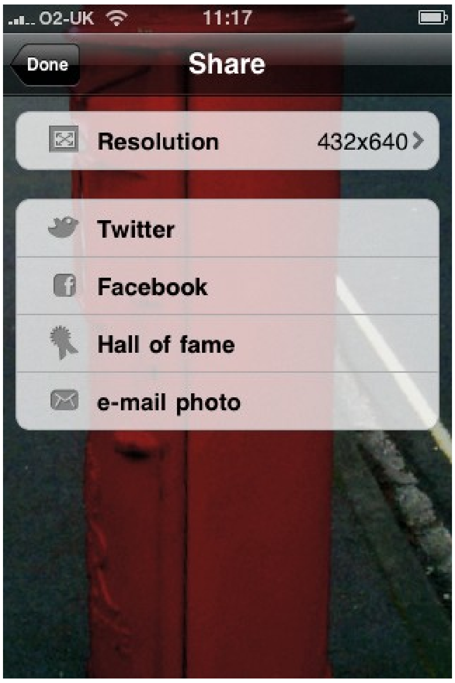
07 Undo and reset options

To undo/redo multiple actions, use the icons towards the bottom of the toolbar. Effects are also non-destructive and can be removed by tapping **Reset**. Crop/straighten are reset as one.


O2-UK
11:15
Done
Cancel
Save
Resolution
1203x1782
Share
Copy to clipboard
Saving photo
Take photo
Edit new photo

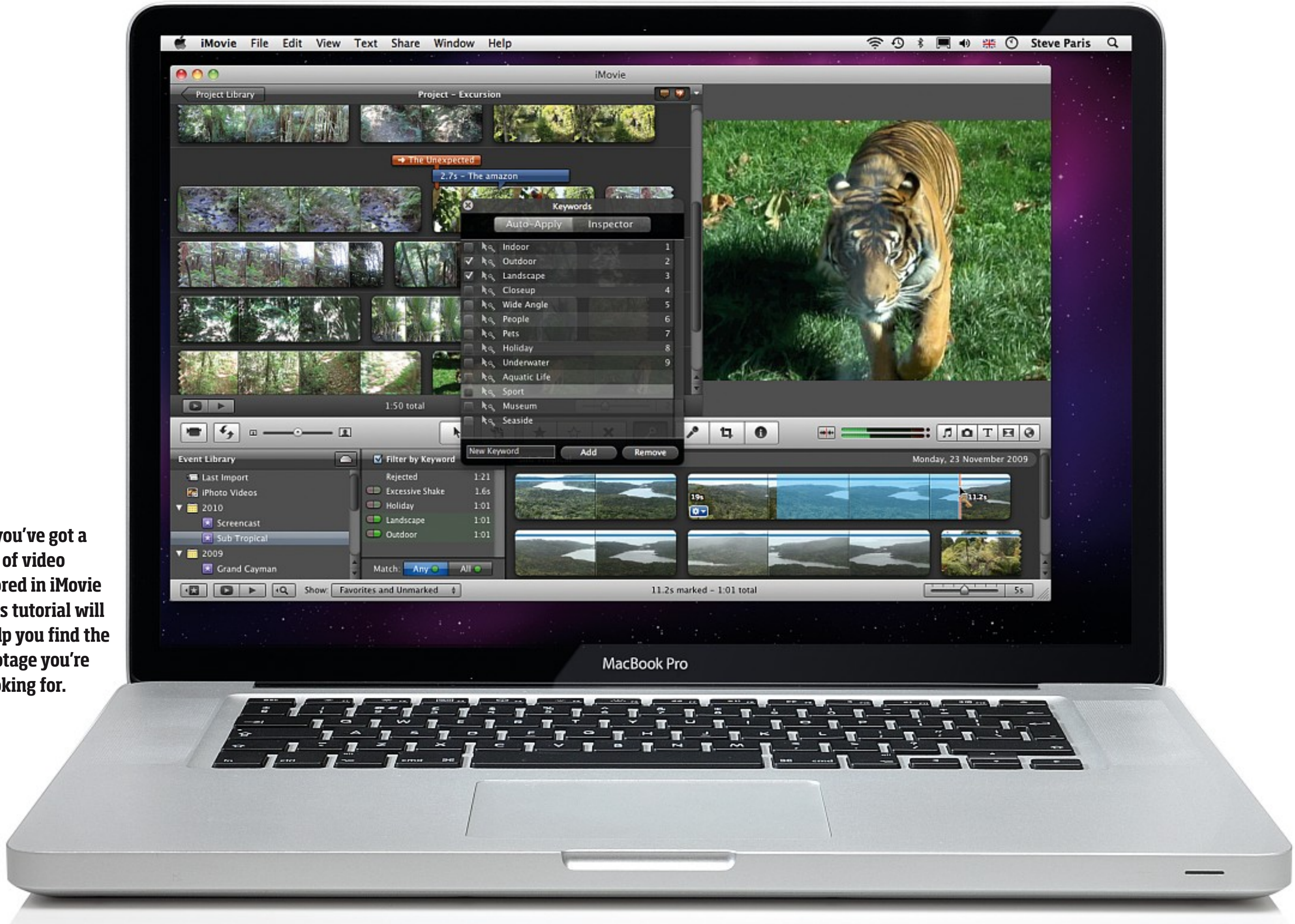
08 Save your image

Tap the tick icon at the bottom of the toolbar to enter the **Done** screen. Tap **Save** to save the image to the Camera Roll. Tap **Resolution** if you wish to amend output size.


O2-UK
11:17
Done
Share
Resolution
432x640
Twitter
Facebook
Hall of fame
e-mail photo

09 Share your photo

Re-enter the **Done** screen. Tap **Copy to clipboard** to place the photo on the clipboard for pasting; otherwise, tap **Share** to share the image via Twitter, Facebook or email. ●


iMovie File Edit View Text Share Window Help
Steve Paris
iMovie
Project Library
Project – Excursion
The Unexpected
2.7s – The amazon
Keywords
Auto-Apply
Inspector
Indoor 1
Outdoor 2
Landscape 3
Closeup 4
Wide Angle 5
People 6
Pets 7
Holiday 8
Underwater 9
Aquatic Life
Sport
Museum
Seaside
New Keyword
Add
Remove
1:50 total
Event Library
Last Import
iPhoto Videos
2010
Screencast
Sub Tropical
2009
Grand Cayman
Filter by Keyword
Rejected 1:21
Excessive Shake 1.6s
Holiday 1:01
Landscape 1:01
Outdoor 1:01
Match: Any All
Monday, 23 November 2009
Show: Favorites and Unmarked
11.2s marked – 1:01 total
MacBook Pro

If you've got a lot of video stored in iMovie this tutorial will help you find the footage you're looking for.

Catalogue clips in iMovie '09

Make use of custom keywords to find the right piece of footage in seconds

>> KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: 25 minutes

WHAT YOU'LL NEED: iMovie '08 or later, clips stored in Events or iPhoto/Aperture libraries, a good understanding of the interface

Perhaps you're a big fan of *iMovie*, but consider this: if you think of the video editor as merely a great tool that helps you edit and polish your home movies (or even those short films you've been dying to make), you've been missing a rather important feature that has been available since the software was rewritten from scratch in 2007.

Not only can you organise your clips within **Events**, helping you locate any footage you've taken, you're also able to rate videos with a star rating: click the toolbar's green star to make your selection a favourite, the red 'x' to reject that part of your footage (it isn't deleted, just hidden from view) and the hollow star to remove that rating.

This is a very good start and quite easy to do, but if you're an avid filmmaker and you've got dozens of **Events** as well as clips stored in your *iPhoto* or *Aperture* libraries, that simple rating system won't help you sift through hours and hours of footage to find that perfect shot, which would make a great ending to your current project.

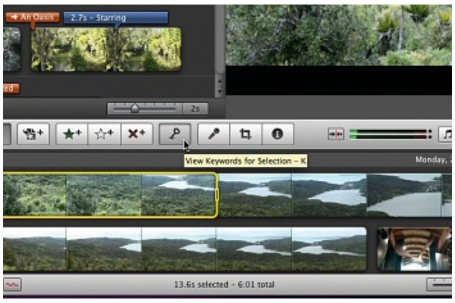
Thankfully, Apple's engineers have thought of this and included another more robust solution. It isn't visible by default: in order to gain access to it, you must toggle that program's **Advanced** tools (this is done by accessing its **Preferences** window and ticking the **Show Advanced Tools** box, which is located in the **General** tab).

> *"Not only can you organise your clips with Events, you're also able to rate videos with a star rating"*

Once you've done this, you'll notice one of the new buttons that appears in the toolbar bears a silhouette of a key. Clicking on it will reveal the keyword's window, which is the focus of the following tutorial. We'll show you how it works, how you can customise the words you can add, and what options you have when looking for clips once you've catalogued your footage.

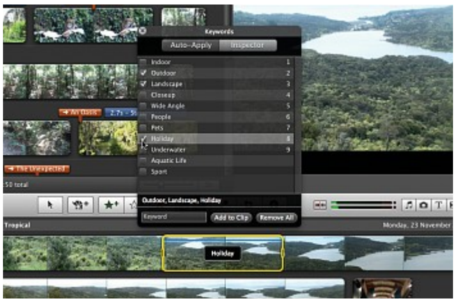
Steve Paris

HOW TO / Use keywords to catalogue your clips


2.7s – Starring
View Keywords for Selection – K
13.6s selected – 6:01 total

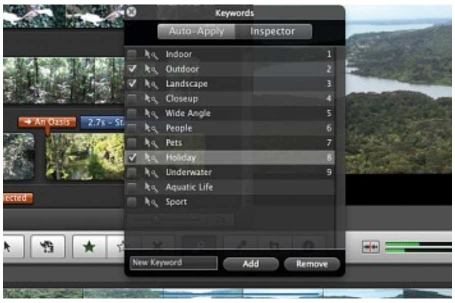
01 The Keywords button

There are two ways of adding keywords to footage. Select a clip (or a section of it) in an **Event** then click on the toolbar's **Keywords** button (or hit the K key). This reveals the floating **Keywords** window. Tick the box of any existing keywords to add them to the selection.


Keywords
Auto-Apply
Inspector
Outdoor, Landscape, Holiday
Add to Clip
Remove All
Holiday

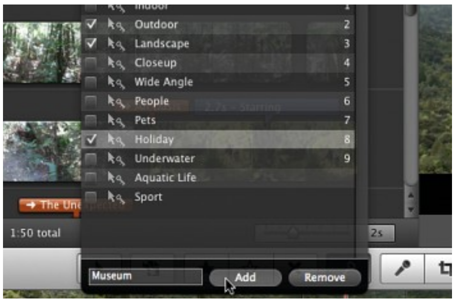
02 Keyworded clips

The highlighted part of the clip gets a blue line near the top to show you where the keywords are in the footage. Close the **Keywords** window and deselect your clip. To highlight just that section again and no other part of the video, click on that blue line.


Keywords
Auto-Apply
Inspector
Indoor 1
Outdoor 2
Landscape 3
Closeup 4
Wide Angle 5
People 6
Pets 7
Holiday 8
Underwater 9
Aquatic Life
Sport
New Keyword
Add
Remove

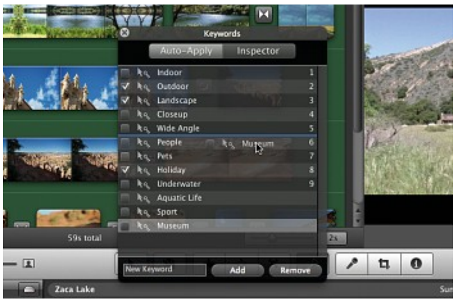
03 Multiple additions

Another way to label clips is by opening the **Keywords** window and selecting the **Auto-Apply** section. You can then select all the keywords you'd like to use and click and drag on the video. The selected section will turn blue. Release the mouse to add your keywords.


Outdoor 2
Landscape 3
Closeup 4
Wide Angle 5
People 6
Pets 7
Holiday 8
Underwater 9
Aquatic Life
Sport
1:50 total
Museum
Add
Remove

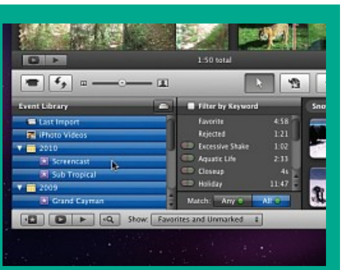
04 New keywords

This works great when adding keywords to a lot of clips, but isn't as precise as the first option. Bottom-left of that window is a **New Keyword** field. Type in a new label and click **Add** to include it in the list. To delete one, highlight it and click **Remove**.


Keywords
Auto-Apply
Inspector
Indoor 1
Outdoor 2
Landscape 3
Closeup 4
Wide Angle 5
People 6
Pets 7
Holiday 8
Underwater 9
Aquatic Life
Sport
Museum
59s total
New Keyword
Add
Remove
Zaca Lake

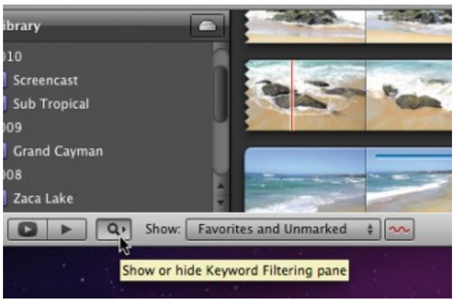
05 Fast keywords

The first nine keywords have a number to their right. Hit that number on your keyboard to add that keyword to the selection. To assign a different keyword to that number, drag it from its location in the list up to the number's level. This shifts down the keywords beneath it.


Event Library
Last Import
iPhoto Videos
2010
Screencast
Sub Tropical
2009
Grand Cayman
Filter by Keyword
Match: Any All
Show: Favorites and Unmarked

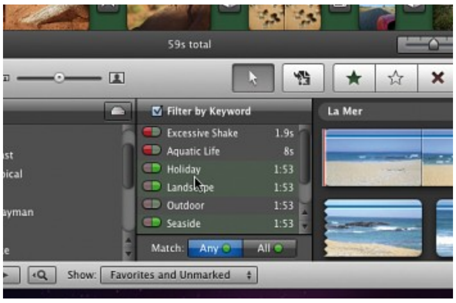
QUICK TIP

If the search feature limited you to looking for clips in a single event at a time, it wouldn't be very useful. You can look everywhere very easily: select an **Event** then go to Edit > Select All (or use ⌘+A) to highlight every item in your **Event Library**.


Screencast
Sub Tropical
Grand Cayman
Zaca Lake
Show: Favorites and Unmarked
Show or hide Keyword Filtering pane

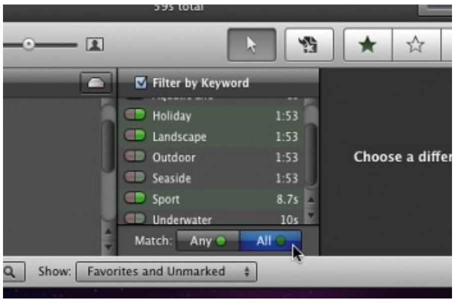
06 Keyword search

Now that you've catalogued all your footage, you need to know how to search for specific clips. Select an **Event** or your *iPhoto* or *Aperture* library. Bottom-left of the interface is a magnifying glass button. Click it to reveal a new section to the right of the **Event Library**.


59s total
Filter by Keyword
La Mer
Excessive Shake 1.9s
Aquatic Life 8s
Holiday 1:53
Landscape 1:53
Outdoor 1:53
Seaside 1:53
Match: Any All
Show: Favorites and Unmarked

07 Keyword list

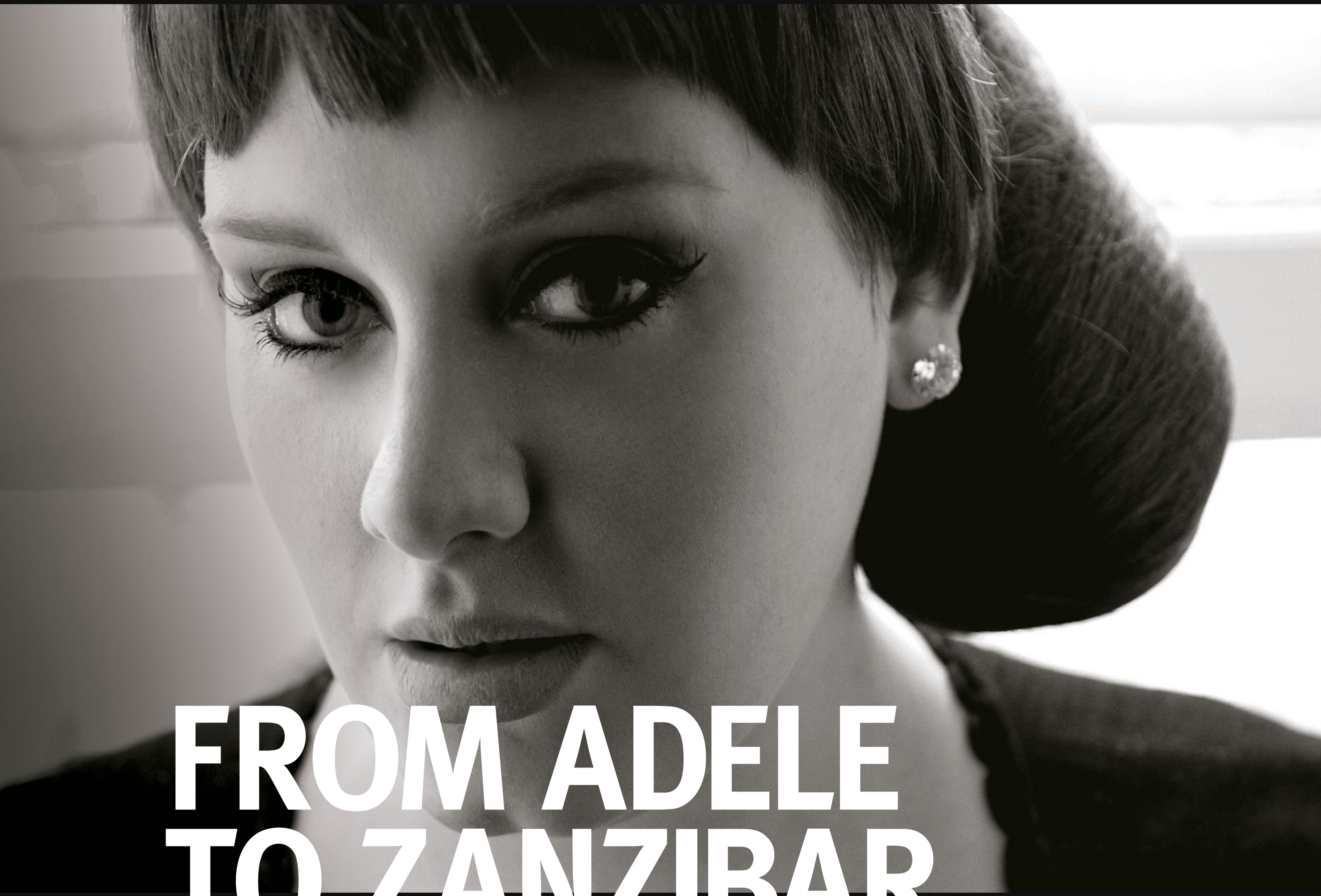
Any keyword in your selected **Event**'s clips will show in that section. To their left is a pill-shaped button. The left side is red, the right is green. Click the latter to look for clips bearing that keyword. Select the red side to remove clips with the keyword from your results.


Filter by Keyword
Holiday 1:53
Landscape 1:53
Outdoor 1:53
Seaside 1:53
Sport 8.7s
Underwater 10s
Match: Any All
Choose a differ
Show: Favorites and Unmarked

08 All keywords

You can of course select multiple keywords by clicking their respective green buttons. By default, *iMovie* will look for any clip bearing any of those keywords. If you need to find clips that contain every keyword you've selected instead, click the **All** button. ●

emusic



FROM ADELE TO ZANZIBAR AND BACK AGAIN.

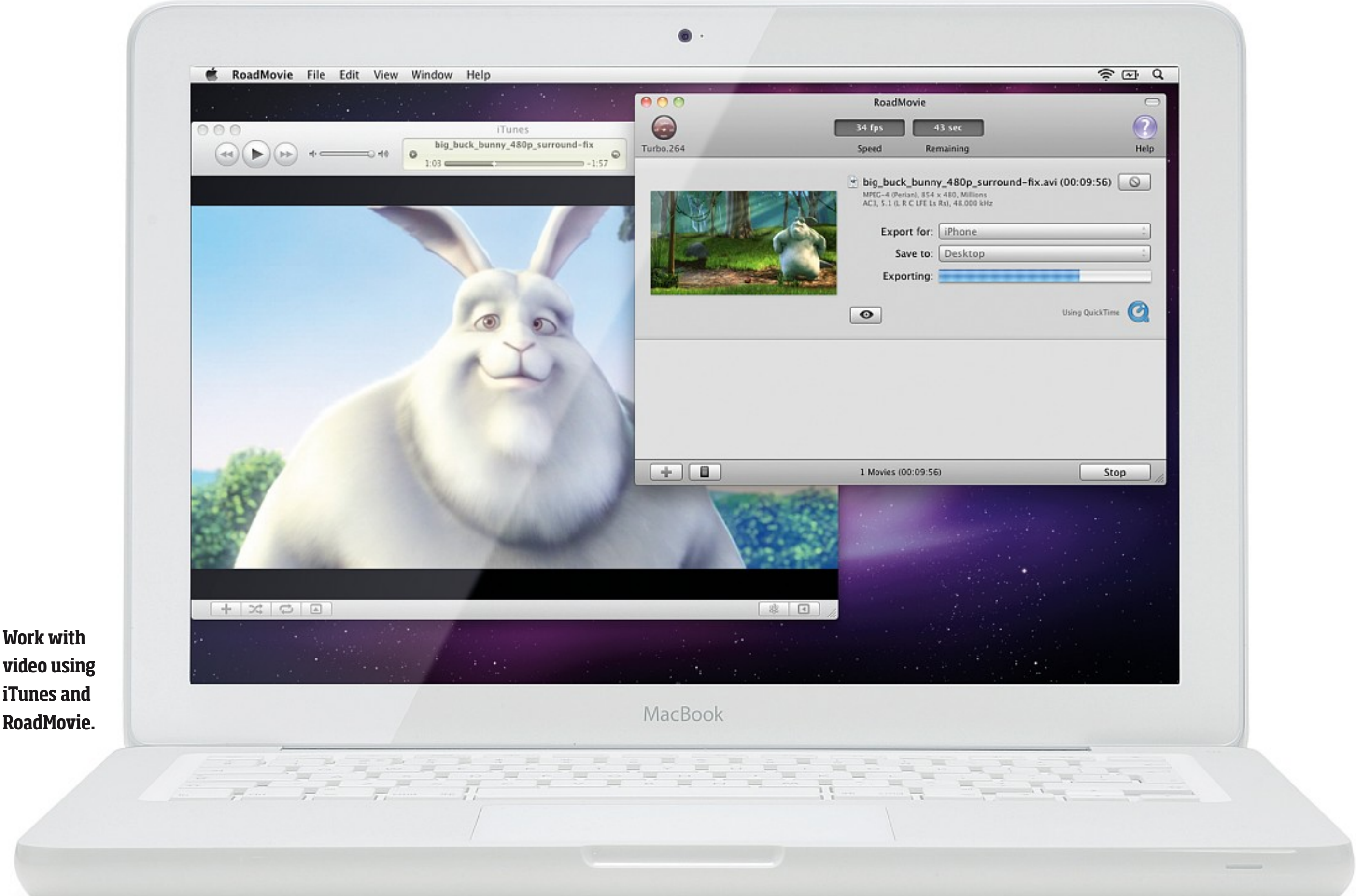
Take 50 Free tracks and create your own musical adventure.
Explore eMusic's 5 million track catalogue,
from the brightest new voices to far-flung sounds.

50 FREE TRACKS, on us.
Go to: www.emusic.com/MacFormat

T.REX
ADELE 19
memory almost full
VAMPIRE WEEKEND
JOHNNY CASH
BECK MODERN GUILT
FLEET FOXES
CAT POWER JUKEBOX
INCREDIBLE BONGO BAND "BONGO ROCK"

Get up to 50 free downloads free with a 7-day eMusic trial subscription. Offer available to first-time eMusic customers only. Internet access, registration, and credit or debit card required. Limited time offer. Offer and eMusic's prices are subject to change and are subject to eMusic's terms of use. eMusic and the eMusic logo are either registered trademarks or trademarks of eMusic.com Inc. in the United Kingdom or other countries. All rights reserved. eMusic is notresponsible for products, services or claims made by Future Publishing.

mp3 100% COMPATIBLE



big_buck_bunny_480p_surround-fix.avi (00:09:56)

Export for: iPhone

Save to: Desktop

Exporting:

1 Movies (00:09:56)

Work with video using iTunes and RoadMovie.

Take movies on the road

A guide to converting and preparing videos for watching on the go

Should a time-travelling movie fan from the early 60s find himself in 2010, his head might explode. The access we now have to recorded video was unimaginable back then. The Telcan, the very first home video cassette recorder (produced by the Nottingham Electronic Valve Company in 1963) was huge and expensive, and could only record for 20 minutes in black and white.

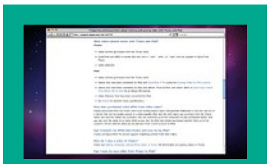
It was the late 70s before the technology started to catch on; and by the early 80s, American film companies were embroiled in a court battle trying to suppress video recorders. Without the technology they were based on, of course, we'd have been restricted to visiting cinemas and drive-ins, or rigging up old reel-to-reel projectors to show our favourite films on whitewashed walls at home. Considering how recent all this is, the ease with which we can download, rip, encode, and transfer video to our iPods, iPhones and iPads is quite astonishing. (And let's just leave aside what our time-traveller would make of an iPad!)

> *"The first home VCR was huge and expensive, and only recorded 20 minutes in black and white"*

The simplicity of these tasks completely belies the revolution that's taken place in how we relate to video images. Even so, if you've never prepared a movie for watching on your Mac or iPhone before, it can all seem a bit daunting, and so we present a guide on how to work with video files so that you can take your movies on the road, including recommendations for the best software for the job.

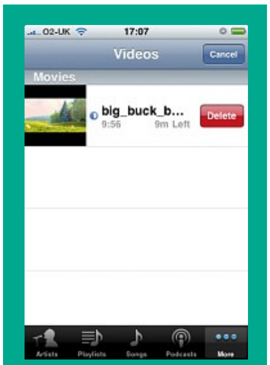
Your easiest option

If you're downloading films or music videos from the iTunes Store, they will come packaged in a format that will play on various Apple devices. All you need to do is connect your »



»QUICK TIP

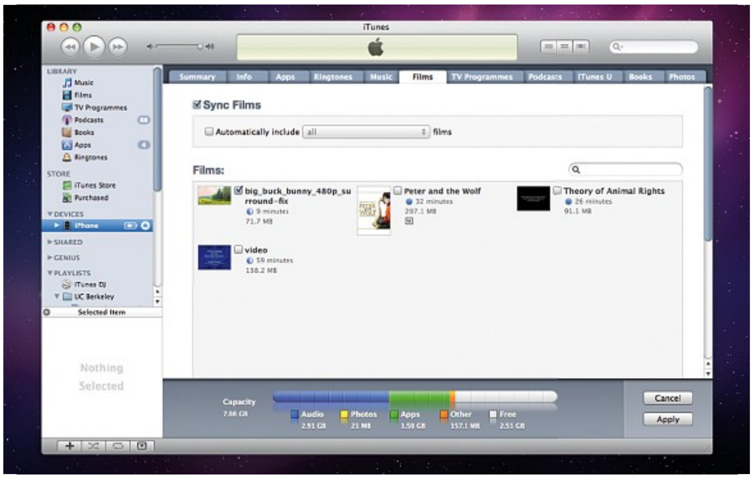
iTunes can play and import video content purchased from the iTunes Store, *QuickTime* and MPEG-4 movie files that end in .mov, .m4v, or .mp4 and are playable in *QuickTime Player*, and video podcasts.


O2-UK
17:07
Videos
Cancel
Movies
big_buck_b...
9:56
9m Left
Delete
Artists
Playlists
Songs
Podcasts
More

QUICK TIP

If you have a bunch of videos that you've already watched on your iPod Touch or iPhone, and need to free up space, you can slide your finger over a video in the iPod app, and then tap **Delete**. Rest assured, it only removes the file from your device, not from your *iTunes* library.

iPod, iPad or iPhone to your Mac, make sure it's selected from the **Devices** list in *iTunes*, and then click on the **Films** tab and tick the **Sync Films** box. You can then use the pull-down menu to select from various options – from automatically syncing all films, to only those you've not yet watched, or variations on the number of unwatched and recent films. Or untick the **Automatically include** box, and you can handpick any particular films that you want synced from your Library, or particular movie Playlists that you may have put together. Once you've decided which films you want to transfer, you can click on **Sync**, and *iTunes* will do what's needed to transfer your videos. Easy as pie.


iTunes
LIBRARY
Music
Films
TV Programmes
Podcasts
Books
Apps
Ringtones
STORE
iTunes Store
Purchased
DEVICES
iPhone
SHARED
GENIUS
PLAYLISTS
iTunes DJ
UC Berkeley
Selected Item
Nothing Selected
Summary
Info
Apps
Ringtones
Music
Films
TV Programmes
Podcasts
iTunes U
Books
Photos
Sync Films
Automatically include
all
films
Films:
big_buck_bunny_480p_surround-fx
9 minutes
71.7 MB
Peter and the Wolf
32 minutes
297.1 MB
Theory of Animal Rights
26 minutes
91.1 MB
video
59 minutes
138.2 MB
Capacity
7.08 GB
Audio
2.91 GB
Photos
21 MB
Apps
1.50 GB
Other
157.1 MB
Free
2.51 GB
Cancel
Apply

iTunes can manage your films automatically, or, if you prefer, you can take control.

Ripping it up

If you have DVDs you want to watch without having to lug your laptop around, you're going to need to get them backed up on your computer first. Of course, the main reason those US film companies tried to block access to the first generation of home VCRs back in the 80s was because they were concerned about people breaking copyright on their recordings. It is legal in many countries to make backups for your own purpose under Fair Use clauses of their copyright laws, but you need to check the regulations where you live before you start ripping the DVDs you've bought (or even CDs – some countries have pretty restrictive rules). Most importantly: be nice – don't go stealing other people's copyrighted materials. If you have a DVD of your great-aunt Betty's collected home movies that you want to convert for viewing on your iPhone, that's an entirely different thing, and that's the assumption we're going to make in what follows.

There are lots of different apps available for ripping DVDs – a quick search on **www.macupdate.com** will give you many different options. Our favourite at the moment, for its simplicity and ease of use, is *RipIt* ($19.95, **thelittleappfactory.com/ripit/**). *RipIt* has a single window, and when you insert a DVD, you're presented with three buttons: **Rip**, **Eject**, and **Compress**. By default, the application will query an online database to identify your DVD on insertion. All you need to do is click **Rip**, and you're away! The display changes to a nice animation of the disc spinning, along with counters showing the time remaining and the percentage already completed. It's that simple.

> *"US film companies tried to block access to the first home VCRs as they were concerned about copyright"*

The options

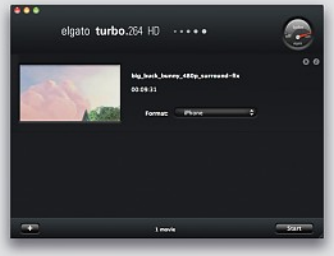
Through the **Preferences** menu (click **File**, then **Preferences…** or hit ⌘ + ,) you can select the destination to which your ripped movie is written, as well as tweaking a few other settings. Because *RipIt* defaults to save your files in '.dvdmedia' format, your Mac's native DVD player app will recognise and open these files without any problems, including any menus built into the DVD.

That final button in *RipIt's* main window – **Compress** – is a new addition to the latest version of the application. If you select the **Compress** panel of the **Preferences** menu, you can choose from a few different options in the **Video Target** menu. There's just five to pick from, but they might be enough for you to bypass separately encoding your movie file – and you've got to love the convenience of doing everything in one window!

Again, you have many options in choosing a video encoding

HOW TO / Speed it all up with a Turbo.264

If you do a lot of video converting and encoding – whether that be for home movies you've recorded on your camcorder, iPhone, or some other video device, your own *iMovie* creations, or TV programs you've recorded with a tuner on your Mac – you might want to consider investing in an Elgato Turbo.264 HD. At £140 from the Elgato online store, or around £125 from Amazon, we know this might seem a little steep, but hear us out. It's a small USB add-on, which operates as an external video encoder, taking the strain off your Mac's processor and radically speeding up the conversion process. On some older Macs, exporting or converting a movie can make other processes grind almost to a halt because so much of the computer's power is tied up in that one job. With Turbo.264 plugged in, we barely noticed any drag while encoding *Big Buck Bunny* (on a 2.0GHz Core Duo Macbook with 2GB RAM). The job was also done in less than half the time it took without the Turbo.264. It automatically works with many video apps, including *RoadMovie*, *iMovie*, and EyeTV – but not *Handbrake*, which uses different technology and can't interact with it. And it comes with its own handy app that works quite similarly to *RoadMovie*, but which allows more granular control of export presets. We know it's a bit on the expensive side for the average user, but if you spend a lot of your time working with video, it's an easy way to get back some of your life!


elgato turbo.264 HD
big_buck_bunny_480p_surround-fx
00:09:31
Format:
iPhone
1 movie
Start

Elgato's Turbo.264 is a great addition for speeding up video conversion.

application. We're just going to mention two: *RoadMovie* ($25, **www.bitfield.se/roadmovie/index.html**) and *Handbrake* (free, **http://handbrake.fr**).

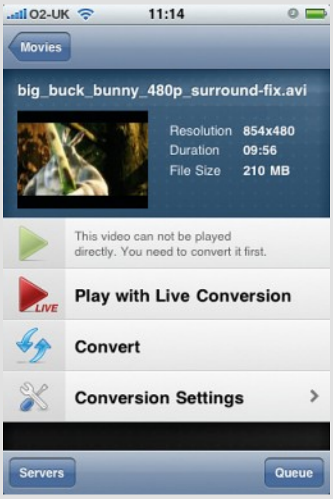
As you will see from the walkthrough, *RoadMovie* is very straightforward to use, mostly operating through drag-and-drop file manipulation and simple drop-down menus. The presets it provides cover all the most popular video playback devices (except, at time of writing, the iPad, but that'll likely be added in an update soon), and its simplicity will make it appealing to a wide range of users. One thing to say about using *RipIt* with *RoadMovie* is that those files encoded in .dvdmedia format will not be recognised, so be sure to uncheck that option in *RipIt's* Preferences menu if you plan to convert using *RoadMovie*.

There will be a few of you who prefer to have the option to tweak and refine their settings more than *RoadMovie's* presets allow. If you feel this way, *Handbrake* is a great option – it's free, open source, and cross-platform, meaning you can run it on your Mac and Aunt Betty can have it on her PC.

Handbrake also offers a decent number of presets for you to choose from. After a massive recent update, the developers removed some of the non-Apple presets that had previously been available, but if you search the support wiki on the *Handbrake* site, or their user-support forums, you will find guidance for the best settings for most playback options.

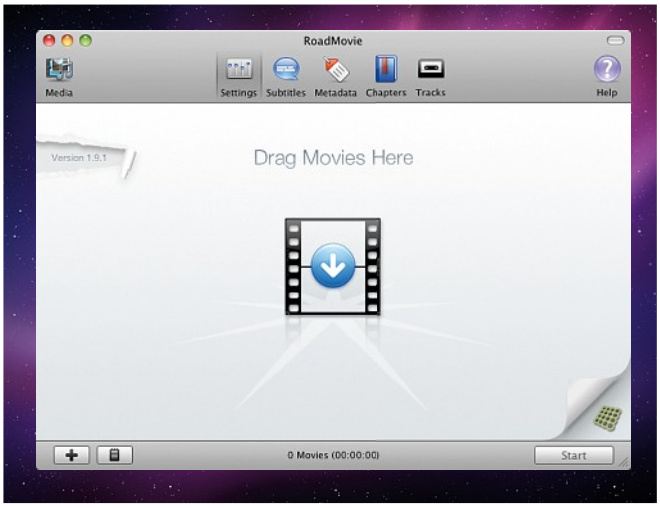
HOW TO / Access your mac's video library from anywhere

If you have more movies on your Mac than you have space for on your iPhone, iPad, or iPod touch, then take a look at *Air Video* in the App Store. You need to download a free server application from **www.inmethod.com/air-video**, and follow the instructions to set things up on your Mac. One of the steps is choosing which folders will be shared and available on the iPhone app. Once you're set up, you'll have access to videos in the folders you chose – so long as your Mac is switched on and the server app is running. When you open the app, you will see a list of servers available, and when you select the one you're after, a list of the folders you chose to share on it. Tap on a folder and you'll see your movies. The greatest thing about *Air Video* is its ability to convert video files on-the-fly, using *Live Conversion*. You can choose to alter the **Conversion Settings** and convert the file if you plan to access it again via the app. But by far the easiest way to go is to use the red **Play with Live Conversion** button, and back at mothership Mac, the *Air Video* server app kicks into action and does its magic, converting your video and streaming it directly to your mobile device. This works best over a Wi-Fi connection, since you're receiving a lot of data, but it also works over 3G.


O2-UK
11:14
Movies
big_buck_bunny_480p_surround-fix.avi
Resolution 854x480
Duration 09:56
File Size 210 MB
This video can not be played directly. You need to convert it first.
Play with Live Conversion
Convert
Conversion Settings
Servers
Queue

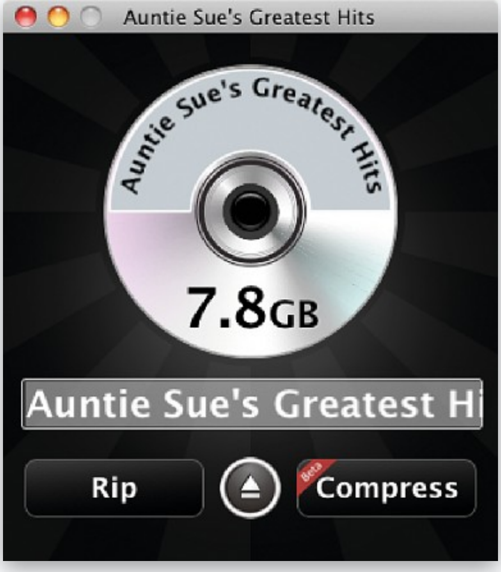
AirVideo lets you access videos on your Mac from wherever you may be.

> *"Handbrake is a great option – it's free, open source and cross-platform, so it runs on both a Mac and a PC"*



It's really simple to get started with RoadMovie – just drag and drop.

Or you can use the range of options under the Video and Advanced tabs in the main window, and the Picture Settings control in the main toolbar, to fine-tune settings for any particular movie file that you want to convert. One thing that might be crucial if you have a smaller iPod or iPhone could be file size: we found that *RoadMovie* tends to output quite large files, but with *Handbrake* you're able to specify a Target Size. Do note, though, that this setting appears in the Quality section of the Video settings – that suggests the link that exists between file size and video quality: the smaller you make your files, the lower their quality will be. In the Source section, you can choose to encode only particular Chapters or Titles from your DVD – perhaps you will only want to process the Title that deals with 1978-79, or only the particular two or three chapters relating to Betty's 50th birthday. So you can see that *Handbrake* generally gives you more control over your movie conversions – as a side-note, it also works absolutely fine with *RipIt's* .dvdmedia files.



RipIt's interface is super-simple, but has everything you need to get the job done and dusted.

An easy option revisited

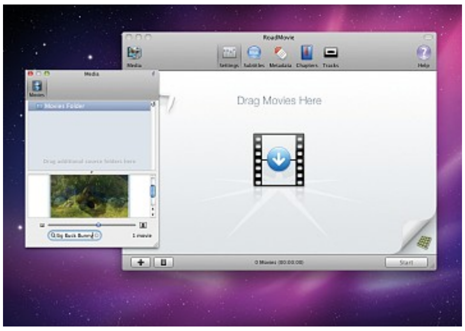
If you have used *RoadMovie*, *RipIt*, *Handbrake*, or some other video conversion application to convert a movie to, say, Apple TV format, and you decide later that you want to »

Search
Up
Up
BUY £9.99
PREVIEW

QUICK TIP

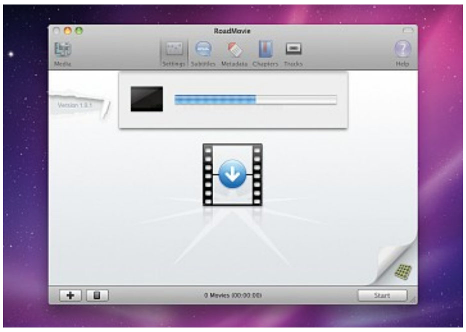
The *iTunes* application allows you to buy or download movies, music videos, or TV programmes directly onto your iPhone, iPad or iPod Touch wherever you have a Wi-Fi connection.

HOW TO / Get started with RoadMovie


RoadMovie
Media
Settings
Subtitles
Metadata
Chapters
Tracks
Help
Drag Movies Here
0 Movies (00:00:00)
Start

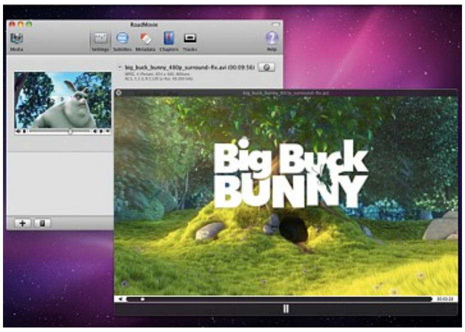
01 Getting going

Converting video with *RoadMovie* couldn't be easier. Drag your movie files into the drop-area (or onto the app's Dock icon) or click on **Media** to add from your media library, or on the + at bottom-left to add files from any location.


RoadMovie
Media
Settings
Subtitles
Metadata
Chapters
Tracks
Help
0 Movies (00:00:00)
Start

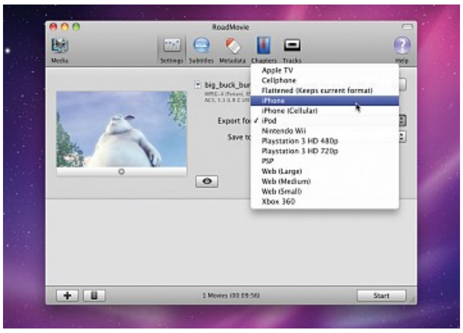
02 Examining your video

RoadMovie will next scan and analyse your file. Once done you'll see a preview window, a summary of aspects of the video's encoding, and two pull-down menus, to select from presets and change where your video is saved.


RoadMovie
Big Buck BUNNY

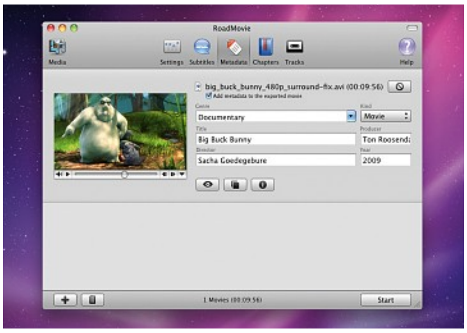
03 Two kinds of preview

Click the **play** button under the preview, to watch the video at miniature size – you'll see the familiar controls of a *QuickTime* video appear beneath the preview. Click the eye icon to watch the film at its full size with **Quick Look**.


RoadMovie
Media
Settings
Subtitles
Metadata
Chapters
Tracks
Help
Export for
Save to
Apple TV
Cellphone
Flattened (Keeps current format)
iPhone
iPhone (Cellular)
iPod
Nintendo Wii
Playstation 3 HD 480p
Playstation 3 HD 720p
PSP
Web (Large)
Web (Medium)
Web (Small)
Xbox 360
1 Movies (00:09:56)
Start

04 Presets make the job easy

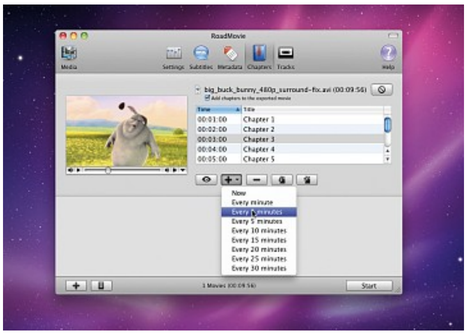
RoadMovie's presets make converting video simple. Click on the pull-down menu alongside **Export for:** and take your choice from 15 options, each of which will convert your file into the right format for your video player.


RoadMovie
Media
Settings
Subtitles
Metadata
Chapters
Tracks
Help
1 Movies (00:09:56)
Start

big_buck_bunny_480p_surround-fix.avi (00:09:56)
☑ Add metadata to the exported movie
Genre: Documentary
Kind: Movie
Title: Big Buck Bunny
Producer: Ton Roosend:
Director: Sacha Goedegebure
Year: 2009

05 Metadata

The **Metadata** tab allows you to embed details of your movie in the exported file. This is the place to make sure the data is correct. The app's metadata matching was hit-and-miss, so we entered our info manually.


RoadMovie
Media
Settings
Subtitles
Metadata
Chapters
Tracks
Help
Now
Every minute
Every 2 minutes
Every 5 minutes
Every 10 minutes
Every 15 minutes
Every 20 minutes
Every 25 minutes
Every 30 minutes
1 Movies (00:09:56)
Start

big_buck_bunny_480p_surround-fix.avi (00:09:56)
☑ Add chapters to the exported movie

Time	Title
00:01:00	Chapter 1
00:02:00	Chapter 2
00:03:00	Chapter 3
00:04:00	Chapter 4
00:05:00	Chapter 5

06 Chapters

If you have a long file, you might want to add **Chapters** to make it easier to jump to specific points in the movie. In the **Chapters** tab, click on the + sign by the Quick Look icon, to specify where chapters are inserted in the file. ●

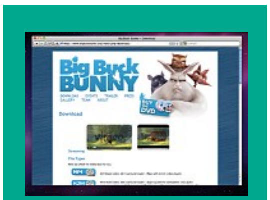
view it on your iPod, the latest versions of *iTunes* (9.1 and above) can help. First you need to get the converted video into *iTunes*, which you do by opening *iTunes*, then clicking on **File** and then **Add to Library...** (or tapping ⌘+O), and then navigating to the movie file. Check our Quick Tip on page 53 about video formats that work in *iTunes*, to make sure you're able to import any particular movie. Then you simply select the file in *iTunes*, click on the **Advanced** menu and choose **Create iPod or iPhone Version**. You'll see an orange icon appear at the top of the **Playlists** menu, titled **Converting...** How long the conversion takes depends on the size of your file – the larger the file, the longer it'll take to convert. When it's done, you will see a second version of the file alongside the original in your **Library**, which will be properly encoded and sized for viewing on your iPod. You can then follow the steps outlined in our first discussion of *iTunes* (above) to transfer the file to your device.

> *"How long the conversion takes depends on the file – the larger the file, the longer it'll take..."*

There's some fairly basic guidance for freeing up your movies from that collection of silver shiny discs that's been gathering dust in a corner, getting your videos onto your Mac, and then moving them onto your portable Apple video player.

We've selected some software that makes the job really easy for you, but we still reckon there's value in thinking about how much our relationship with moving images has changed in the course of the last 50 years. Maybe we should just try to hold onto some of that sense of wonder and awe our time-travelling friend would surely feel...

Ian Tromp


Big Buck BUNNY

QUICK TIP

Big Buck Bunny is released under a Creative Commons licence, allowing you to download and share certain movies. **http://bigbuckbunny.org**

Donate your computers to charity

www.computeraid.org/donate

- Free Blancco data destruction
- WEEE compliance guaranteed
- Zero % materials end up in landfill
- Legal liabilities covered

Computer Aid
International

Email: enquiries@computeraid.org
Tel 020 8361 5540

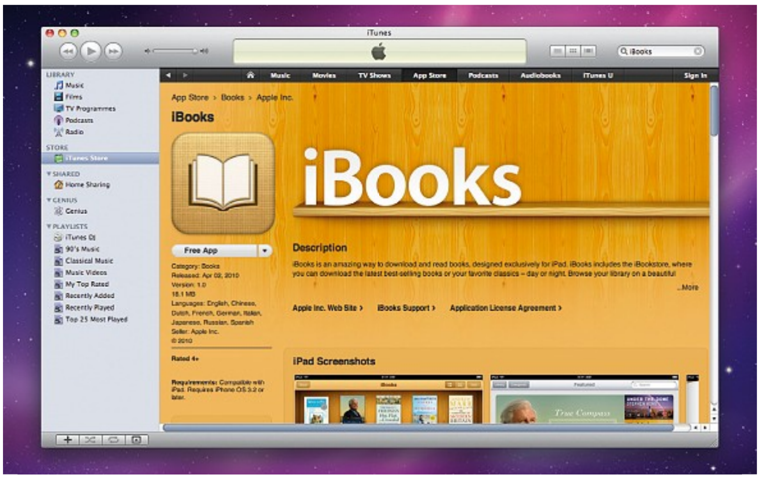
Registered charity no. 1069256

20 ways to do things Apple doesn’t want you to do

Sneaky ways to add more functionality to your Mac, iPod and Apple TV

>> ON THE DISC
Find some apps here on the disc.

Apple produces incredibly capable computers, but with a little tweaking, you can boost their functionality further still. If you have a video format you wish you could play in *QuickTime*, sound files that are beyond *iTunes* or a peripheral that doesn’t work under OS X, there might well be a means of getting around the problem. Here we look at 20 interesting ways of taking control of your Apple device, giving it exciting new capabilities that aren’t available out of the box.



The iBooks app was available in the US around two months earlier than it was in the UK.

01. Open an American iTunes account

One of the iPad’s most engaging uses is as an ebook reader. Apple’s app for this, *iBooks*, gives you access to Apple’s huge online ebook store. Unfortunately, the iBook Store hasn’t launched internationally yet, so it’s only available in the US. Some other content in the iTunes Store is also US-only at the moment. You can get around this with a US iTunes account.

Opening an American *iTunes* account means you get early access to material released first in the States, and even US-exclusive content. First, open *iTunes* and go to the Store. Scroll all the way to the foot of the screen, and click on the circular Union Flag in the bottom-right corner. You’re given a choice of iTunes Stores; go to the American one. Find a free application and press Get App, and a pop-up window asks you to sign in. Press Create New Account. You can then set up an account in the usual way, but you must select None instead of a credit card for payment type. If you enter a UK credit card or PayPal account, it will be rejected. There’s a detailed guide to opening an *iTunes* account without a credit card on the Apple support site at www.tinyurl.com/7xyqjr. You must also enter a valid American address. You get a verification email, after which you can sign into your new US account. Free material is readily downloadable, but if you want to buy something, you have to find a way of getting hold of American *iTunes* vouchers.

02. iTunes FLAC and Ogg

Natively, *iTunes* is capable of playing five types of audio file: MP3, AIFF, WAV, AAC and Apple Lossless. But what about FLAC and Ogg files?

>> 03 Terminal tips to lift restrictions

There are several *Terminal* commands that lift Apple-imposed restrictions on how you can use your OS X applications. Just go to Applications > Utilities, launch *Terminal.app* and type in one of the following codes.

There are hidden debug menus in several applications that come bundled with your operating system. They’re meant to be for developers only, but you can open them with these *Terminal* commands:

Safari

```
defaults write com.apple.safari IncludeInternalDebugMenu 1
```

Address Book

```
defaults write com.apple.addressbook ABShowDebugMenu -bool YES
```

iCal

```
defaults write com.apple.iCal IncludeDebugMenu YES
```

You may need to relaunch the app. The debug menu shows in the menu bar. To hide it, repeat the command replacing **1** with **0** or **YES** with **NO**.

This next code introduces a new stack into your Dock, showing recently used apps. To remove it again, just drag it out of the Dock.

```
defaults write com.apple.dock persistent-others -array-add ‘{ “tile-data” = { “list-type” = 1; }; “tile-type” = “recents-tile”; }’; killall Dock
```

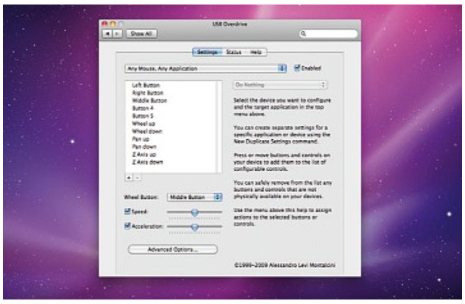
Finally, if you want to increase the magnified size of your Dock icons, you can enable magnification in the Dock’s *System Preferences*. Simply try this code:

```
defaults write com.apple.dock largesize -int 512; killall Dock
```

The icons are now up to 512 pixels large. You can substitute 512 with another figure if you wish, but don’t go any higher than 512. To turn off this effect, go back to the Dock’s *System Preferences* and move the **Magnification** slider.

These tips all work with Snow Leopard and Leopard, but cannot be guaranteed to function with older versions of OS X.

04 Use almost any USB controller in OS X



USB Overdrive
Show All
Settings | Status | Help
Any Mouse, Any Application ☑ Enabled
Left Button
Right Button
Middle Button
Button 4
Button 5
Wheel up
Wheel down
Pan up
Pan down
Z Axis up
Z Axis down
Do Nothing

Select the device you want to configure and the target application in the top menu above.

You can create separate settings for a specific application or device using the New Duplicate Settings command.

Press or move buttons and controls on your device to add them to the list of configurable controls.

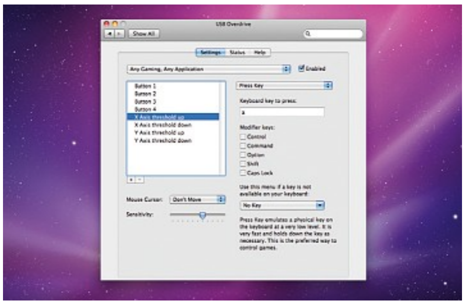
You can safely remove from the list any buttons and controls that are not physically available on your devices.

Use the menu above this help to assign actions to the selected buttons or controls.

Wheel Button: Middle Button
☑ Speed
☑ Acceleration:
Advanced Options...
©1999–2009 Alessandro Levi Montalcini

01 USB Overdrive X

With *USB Overdrive X* installed, you can make full use of almost any USB mouse, trackball, joystick or gamepad. Programmable buttons can be used in OS X, even if the bundled software is Windows-only. The latest version (3.0) now offers 64-bit Snow Leopard support.

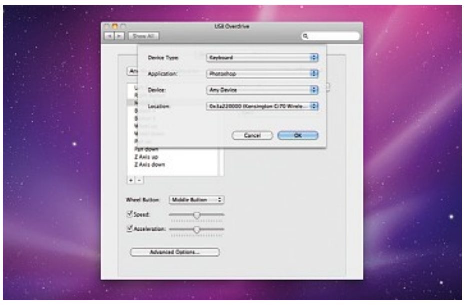


USB Overdrive
Show All
Settings | Status | Help
Any Gaming, Any Application ☑ Enabled
Button 1
Button 2
Button 3
Button 4
X Axis threshold up
X Axis threshold down
Y Axis threshold up
Y Axis threshold down
Press Key
Keyboard key to press: a
Modifier keys:
☐ Control
☐ Command
☐ Option
☐ Shift
☐ Caps Lock
Use this menu if a key is not available on your keyboard: No Key
Mouse Cursor: Don't Move
Sensitivity:

Press Key emulates a physical key on the keyboard at a very low level. It is very fast and holds down the key as necessary. This is the preferred way to control games.

02 Controller configuration

Configuring your controller is easy, and you can assign an action to each of its inputs. Here we're configuring a gaming device, and assigning a key press to the controller. Pressing left on the gaming pad gives you the same function as pressing the 'A' key.



USB Overdrive
Show All
Device Type: Keyboard
Application: Photoshop
Device: Any Device
Location: 0x1a220000 (Kensington Ci70 Wirele...
Cancel | OK
Z Axis up
Z Axis down
Wheel Button: Middle Button
☑ Speed
☑ Acceleration:
Advanced Options...

03 Application settings

You can configure your USB device for a specific application. Create a duplicate configuration setting for the controller in question, select the application you wish to configure it for and then set it up in the usual way. These settings only apply to that app. ●

To play FLAC files in *iTunes*, you need to download an app called *Fluke*, which installs new components for *QuickTime*. After installing, restart *iTunes* and you can import FLAC tracks without converting them; just follow the instructions at **www.blowintopieces.com/fluke**. To play Ogg Vorbis files, download a *QuickTime* component from **www.tinyurl.com/ydemkq**. Installation is manual, but simple. Just drag the bundle into your **Components** folder, as instructed in the **Readme** file downloaded with *XiphQT*.

05. Copy from iPod to Mac

By default there's no way of copying music from your iPod or iPhone back onto your Mac, but enterprising developers have found a way around this. *Senuti* (**www.fadingred.com/senuti**) lets you copy selected items or your entire music and video collection in this way, retaining playlists and track titles. Alternatively, Clickfree Transformer for iPod (**www.tinyurl.com/q9ppdr**) lets you back up your Mac's data to an external drive, but can also copy from your iPod or iPhone back onto your Mac.

06. iPod without iTunes

If you love your music but can't stand *iTunes*, there are several third-party alternatives you could try. *Floola* (**www.floola.com**) is free, and supports almost all iPods. You can play your media from within the application, copy from your iPod back onto your Mac, convert incompatible audio formats and even sync with Google Calendar. *Floola* runs on OS X 10.3.9 or later, which is great news for those using older Macs. It might look a little spartan, but it's just the thing for those who complain that *iTunes* is becoming bloated.

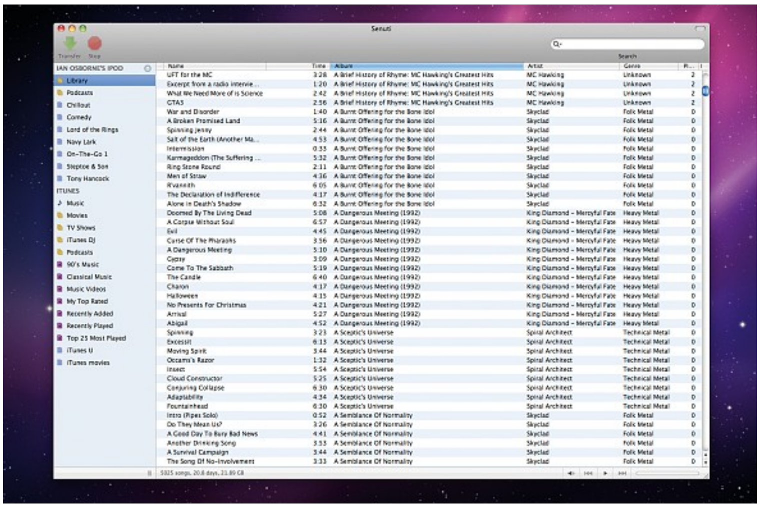
PixiApps Ecoute (**www.ecouteapp.com**) takes a similarly minimalist approach, but looks a lot prettier than *Floola*. If you're looking for a lightweight alternative to *iTunes*, *Ecoute* is definitely worth its $10 shareware fee.

07. A new OS for your iPod

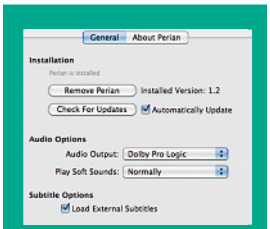
There's a Linux distro for almost any electronic device, and the iPod is no exception. Installing Linux gives access to a wealth of open source applications created for the iPod. You can get an installer that runs on the Mac and installs Linux on your iPod from **www.tinyurl.com/666hu**. There's also more information on iPod Linux at **www.ipodlinux.org**.

Also worth a mention is Rockbox (**www.rockbox.org**), a free alternative operating system that works on a wide range of digital audio players, including many current iPods. Granted, it's not as attractive or instinctive as iPod OS, but it offers extra features such as an equaliser, visualisation and skins.

»



'Senuti' is 'iTunes' spelled backwards; it lets you copy tracks from your iPod to your Mac.

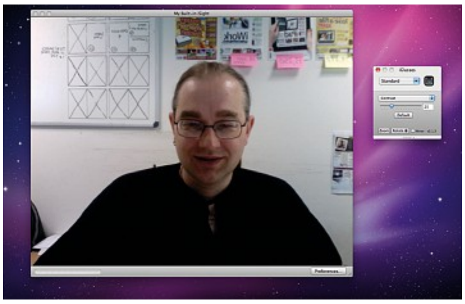


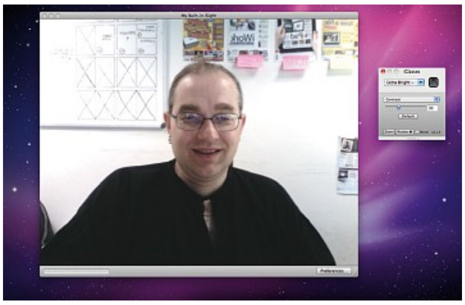
General | About Perian
Installation
Perian is Installed
Remove Perian — Installed Version: 1.2
Check For Updates — ☑ Automatically Update
Audio Options
Audio Output: Dolby Pro Logic
Play Soft Sounds: Normally
Subtitle Options
☑ Load External Subtitles

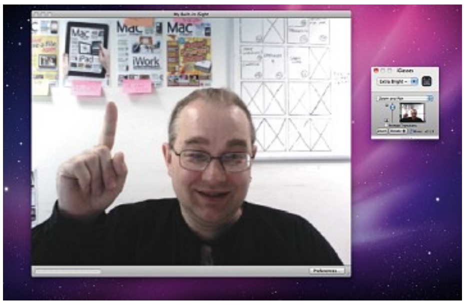
08 MORE MOVIES

A couple of free components greatly increase the range of movie files playable using Apple's *QuickTime* framework. *Perian* (**www.perian.org**) supports numerous video formats. *Flip4Mac* (**www.tinyurl.com/3rjw95**) offers WMV compatibility, and is completely free if you only want the *Player* version.

09 Get more from your webcam with iGlasses







01 Install iGlasses

Apple's iSight camera is an excellent webcam, but its video feed can be weak in poor lighting conditions, as you can see here. *iGlasses* (**www.ecamm.com/mac/iglasses**) dramatically boosts its picture quality and adds many features. It works with more than 50 video apps.

02 Improve image quality

iGlasses, which costs $10 (about £6.50) after a seven-day trial, offers a range of image-improving tools. You can increase the brightness, adjust the contrast, set the white balance and more, as seen here. When you've found the settings you want, you can save them.

03 Additional features

iGlasses also benefits from a range of effects, such as mirroring or rotating the image, black-and-white or sepia video, crazy colours or night vision. As well as *iSight* (internal and external), it also works with a few third-party webcams. See the *iGlasses* website for details. ●

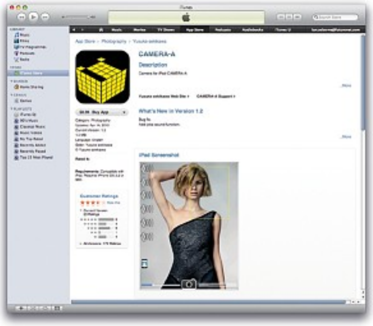
10 MAGIC PREFS

By using *MagicPrefs* (**www.magicprefs.com**), you can greatly expand Magic Mouse capabilities, adding gestures such as swipes, pinches and Multi-Touch clicks.

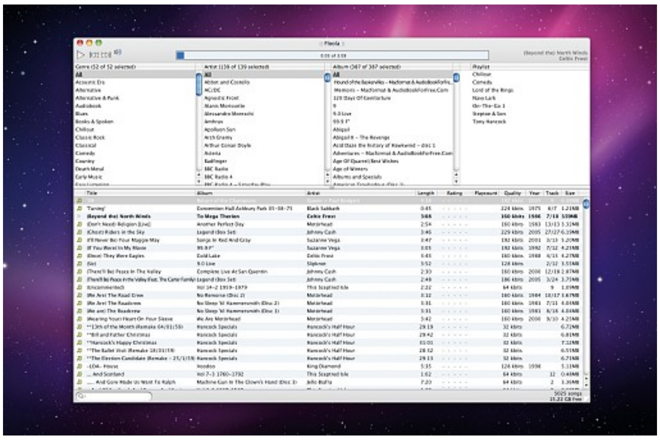
11. Take photos on an iPad

Apple has come in for a lot of criticism for not putting a camera on the iPad, but believe it or not, there's a way of taking photographs with your shiny new tablet device. Developer Yusuke Sekikawa has come up with an ingenious solution, but you need an iPhone as well as an iPad.

Sekikawa's cunning fix involves two linked applications downloaded from the iTunes Store. *Camera-A* costs $1, and runs on your iPad. *Camera-B* is free, and is for your iPhone. At the time of writing, both are currently US-only, but are bound to be released over here when the iPad makes it to these shores. By running both applications and connecting your devices over Wi-Fi or with Bluetooth, the iPad makes use of the iPhone's camera. Just point your iPhone at whatever it is you wish to snap, and control the picture-taking process through your iPad.



Using just a couple of apps, your iPad can make full use of your iPhone's camera.



iPod manager Floola is a lightweight app with plenty of features and no frills.

12. Unsupported devices

Not every peripheral is Mac-compatible out of the box. IOXperts (**www.ioexperts.com**) has years of experience developing Mac drivers for PC peripherals, including a series of paid-for driver bundles. For example, *IOXperts Webcam Driver 1.1 for Mac OS X* offers drivers for well over a hundred cams, and there's a high-end version for industrial cameras too.

IOXperts hasn't updated its drivers in a while, so some cameras listed as 'supported' might not actually work with the latest version of Snow Leopard. But as the unregistered versions work for 30 minutes before asking you to register, you've nothing to lose by giving them a try.

13. Pimp your Dock

DockDoctor (**www.tinyurl.com/84ftvy**), gives you all sorts of customisation options for your Dock. You can go 2D or 3D, make the icons for hidden applications opaque and even disable the *Dashboard* to save resources. If you don't like the Dock's default colour, you can rebadge it in various shades, or apply a custom skin such as a chessboard. Custom skins are bundled with the app, and more are available to download online. *DockDoctor* is free, but a $2 (about £1.20) donation is requested to help with hosting.

14. Revamp your Finder

TotalFinder (**http://totalfinder.binaryage.com**) brings a wealth of new features to OS X's *Finder*. This Snow Leopard-only application gives you window tabs similar to those found in *Safari*. You can stop *Finder* littering shared storage drives with .DS_Store files, which are invisible to OS X but drive Windows users to distraction, and a dual-panel mode that enables you to open two folders in the same window. And there are more exciting features to come.

At the time of writing, *TotalFinder* is in Version 0.8 and free. When it reaches Version 1.0, however, beta copies will begin to expire and the app will cost $15 (around £9.75), which we think is well worth the money for what you're getting.

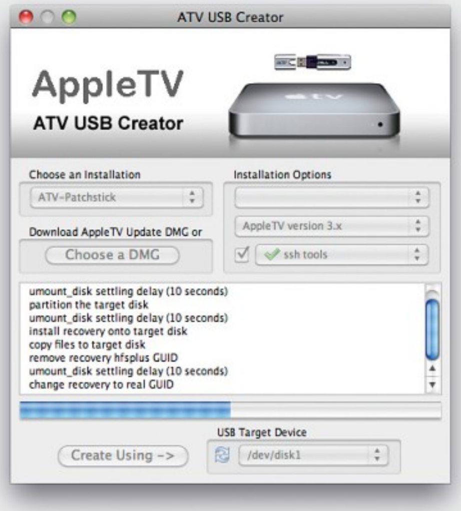
15 Hacking Apple TV

Out of the box, Apple TV comes across as a very limited device. For one, it's slavishly tied to *iTunes*. Not only that, it's very restricted regarding what video formats it can play. Also, the standard interface has been criticised for its lack of finesse. Thankfully however, there's a free, cross-platform home theatre application that's proving very popular with Apple TV users. With *Boxee* (**www.boxee.tv**) installed, you can play just about any DRM-free video on Apple TV.

Installing *Boxee* on your Apple TV is a straightforward task. Just follow the step-by-step guide on the application's website at **www.tinyurl.com/mcq4l8**. You begin by downloading an application called *ATVUSB-Creator*, which is available for both Intel and PPC Macs. This is used to turn a formatted USB flash drive (minimum size 512MB) into a Patchstick, a device used to hack your Apple TV.

If your USB stick isn't being recognised, try pressing the **Rescan** button, or use another brand. After creating a Patchstick, insert it into your Apple TV and switch on. The Patchstick runs the ATV boot loader, which gives you the option to install *Boxee*. Do so and restart your Apple TV.

For a comprehensive guide to everything you can do by hacking Apple TV, go to **www.appletvhacks.net**.



Choose an Installation: ATV-Patchstick

AppleTV version 3.x

☑ ssh tools

```
umount_disk settling delay (10 seconds)
partition the target disk
umount_disk settling delay (10 seconds)
install recovery onto target disk
copy files to target disk
remove recovery hfsplus GUID
umount_disk settling delay (10 seconds)
change recovery to real GUID
```

USB Target Device: /dev/disk1

With just a little hacking, Apple TV can be turned into a much more capable machine.

16. A better bin

Hyperbolic Software's *Smart Trash* (www.tinyurl.com/ya4llh8) adds a series of new features to OS X's Trash, the most important of which is the ability to empty it for selected volumes only; very useful if you want to clear some space on a flash drive without deleting items binned from your hard drive. You can also set it up to delete locked items, keep a log of everything you've erased and sort trashed items according to the volumes on which they were stored. *Smart Trash* is $10 (about £6).

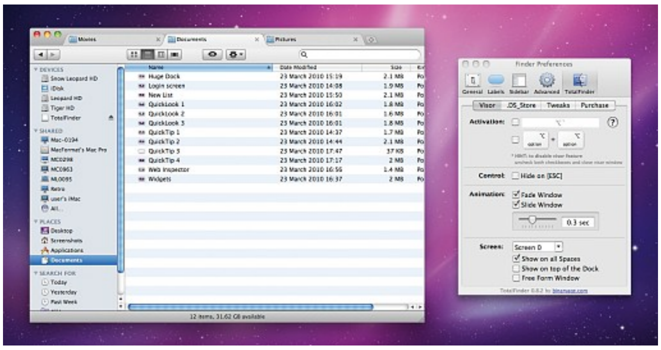
17. Smarter phoning

With its focus on the iPhone, Apple seems to have paid scant attention to helping OS X play nicely with other brands of mobile phone. Thankfully, *Nova Media* (www.novamedia.de) has released several interesting applications that fill the gap very nicely. *iSync Plugins* brings sync capabilities to more than 270 mobile phones, enabling you to sync your contacts, calendars and more. *Phone Plugins* gives you the option of typing an SMS message on your Mac, which can then be sent using your Bluetooth-capable phone.

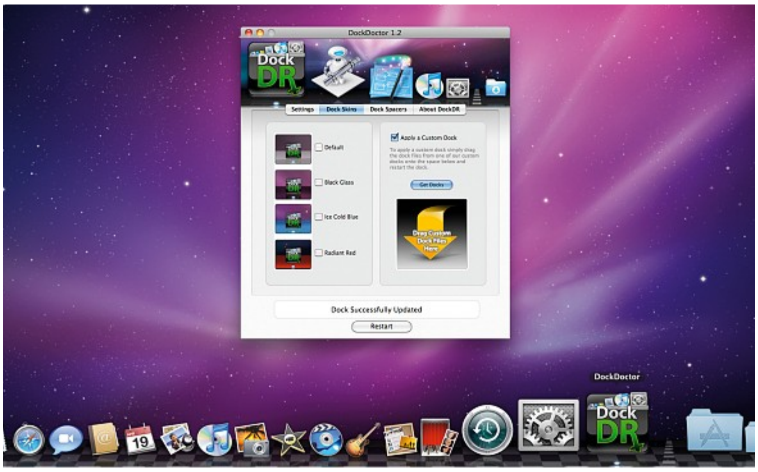
18. Ripping DVDs

Watching DVDs on your MacBook takes its toll on the battery life, and any Mac with a fast optical drive is likely to prove too noisy for close and cosy movie viewing. Fortunately, there are a couple of applications that enable you to rip your DVD's contents to your Mac's Desktop, for viewing directly from the hard drive. *RipIt* (www.thelittleappfactory.com/ripit) is incredibly easy to use, and bundles all the ripped files into a single packet, which can be viewed as if it were an optical disc. *MacTheRipper* (www.tinyurl.com/4f5r9g) is more versatile, but not as user-friendly.

Remember, ripping copyrighted DVDs that you don't own is illegal, and bypassing copy controls is a legal grey area, even if you own the disc. It's up to you to make sure you're acting within your country's law.



TotalFinder brings a wealth of features and functions to the native Finder.



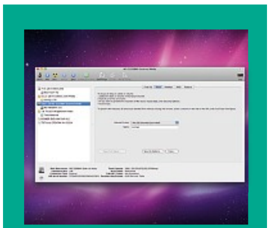
Dock Successfully Updated

With DockDoctor, you can customise your Dock in lots of ways. Check out the checkerboard.

19 DiscRotate

As optical drives get faster, they also get louder. As mentioned in the last tip, this can be really irritating if you're watching DVD content on your Mac. Luckily there's another solution available to you. It's called *DiscRotate* (www.tinyurl.com/y3rhebm) – a small preference pane that enables you to restrict the speed of your drive without interfering with the playback you view on the screen. It's accessible at any time through a handy menu bar icon, and you can reset it again when the movie's over.

Ian Osborne



20 WRITE TO NTFS

Natively, OS X can read an NTFS-formatted drive, but not write to it. Paragon Software's *NTFS for Mac OS X* (**www.tinyurl.com/yenpkyo**) gives full read/write access, and fully supports OS X 10.6 in 64-bit mode.

Get MacFormat on an iPad

You can now read MacFormat on your iPad or iPhone with ease

KEY INFO

DIFFICULTY:
Beginner

TIME NEEDED:
15 minutes

WHAT YOU'LL NEED:
A regular subscription to MacFormat, or a subscription to MacFormat through Zinio

Since you're all Mac fans, we expect that the uptake of Apple's new iPad amongst the *MacFormat* readership will be higher than average, and many of you will be looking at ways of reading *MacFormat* on its beautiful screen. So you'll be pleased to discover that there are two options for getting *MacFormat* on an iPad (or even an iPhone, if you like).

Firstly, regular *MacFormat* subscribers already get access to the Subscriber area of www.macformat.co.uk where they can access a PDF version of the magazine each month. Just type in your subscriber number and surname to get access to the PDF archive, which stretches back to Issue 200. Once you've downloaded the PDF, you can read it on your iPad using an app such as *GoodReader*, which costs just 59p on the App Store. Here we'll show you the simple steps you need to take.

If you're not already a *MacFormat* subscriber and you'd like to be, then turn to page 30 this issue to take advantage of a special introductory offer, saving 35%!

Future_MacFormat_Normal April 2010

What makes the iPad tick?

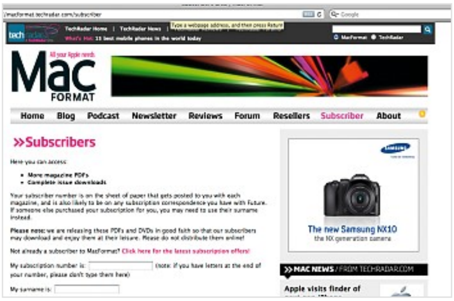
Now you can read MacFormat on your iPad as well as get the magazine in the post!

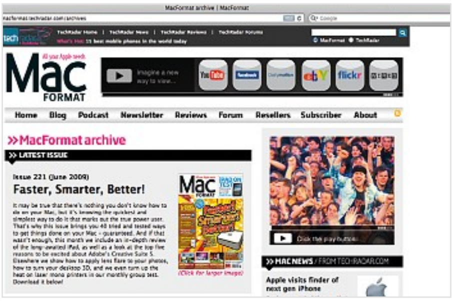
The alternative method is to take out a subscription via *Zinio*. *Zinio* offers digital editions of a huge range of magazines, of which *MacFormat* is just one. You still need to purchase a subscription to it even if you're an existing *MacFormat* subscriber, since it's a completely different system.

With *Zinio*, copies of the magazine arrive in your library each month without you having to do anything. You can preview how *MacFormat* looks on *Zinio* in your web browser here: http://bit.ly/a6oPVt and subscribe to *MacFormat* on *Zinio* by going to: http://bit.ly/b7XszH.

Graham Barlow

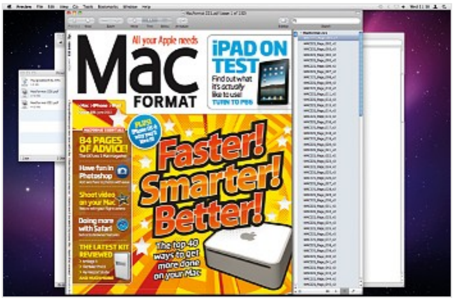
HOW TO / Log into and use the MacFormat.co.uk Subscriber area


Subscribers


MacFormat archive

Issue 221 (June 2009)

Faster, Smarter, Better!



01 Enter your details

Go to www.macformat.co.uk and click Subscriber in the navigation bar. Now you need to enter your subscription number and surname into the boxes provided and hit the Login button. After a couple of seconds, you'll enter the Subscriber area.

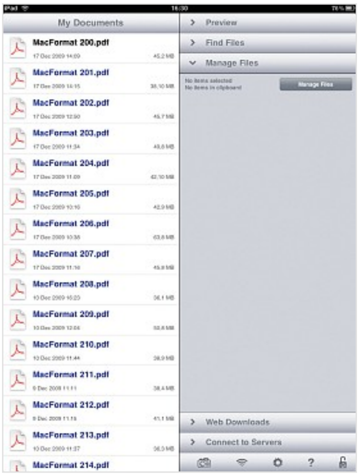
02 Browse issues

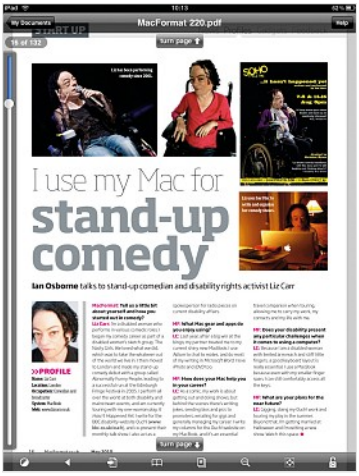
Details of the latest issue are available right at the top of the page. If you scroll down the page you can get access to all the issues of *MacFormat* stretching back to Issue 200. Each one has a cover image and a description. Choose the issue you want and click to download.

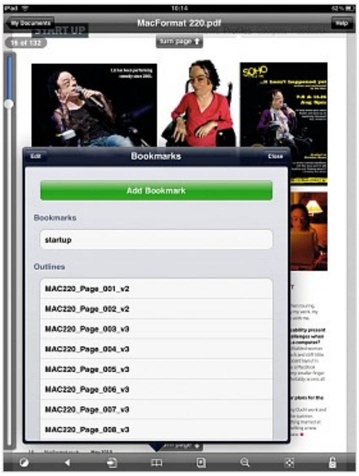
03 Download issue

Once you've clicked to download the issue the Downloads window will open (in *Safari*) and the issue will be downloaded to your Downloads folder (should you need to find it again). Once it's downloaded it will open automatically in the *Preview* application. ●

HOW TO / Read Subscriber PDFs on an iPad/iPhone


My Documents
MacFormat 200.pdf
MacFormat 201.pdf
MacFormat 202.pdf
MacFormat 203.pdf
MacFormat 204.pdf
MacFormat 205.pdf
MacFormat 206.pdf
MacFormat 207.pdf
MacFormat 208.pdf
MacFormat 209.pdf
MacFormat 210.pdf
MacFormat 211.pdf
MacFormat 212.pdf
MacFormat 213.pdf
MacFormat 214.pdf
Preview
Find Files
Manage Files
No items selected
No items in clipboard
Manage Files
Web Downloads
Connect to Servers


My Documents
MacFormat 220.pdf
Help
turn page
I use my Mac for
stand-up comedy
>>PROFILE


My Documents
MacFormat 220.pdf
Help
turn page
Edit
Bookmarks
Close
Add Bookmark
Bookmarks
startup
Outlines
MAC220_Page_001_v2
MAC220_Page_002_v2
MAC220_Page_003_v3
MAC220_Page_004_v3
MAC220_Page_005_v3
MAC220_Page_006_v3
MAC220_Page_007_v3
MAC220_Page_008_v3

01 Import your PDFs

First of all you need to install the *GoodReader* app from the App Store on your iPad. Connect the iPad to your Mac and select it in *iTunes*. In the **Apps** tab, scroll down and select your *MacFormat* PDFs. You'll see them appear in the *GoodReader* app. Tap on one to open it.

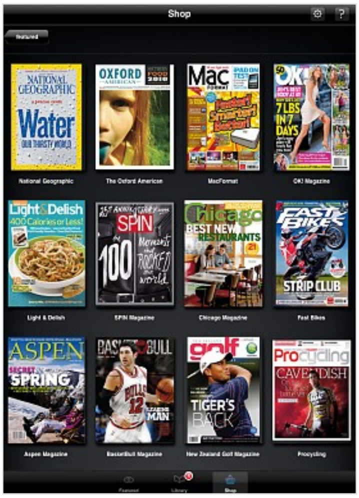
02 Navigate the issue

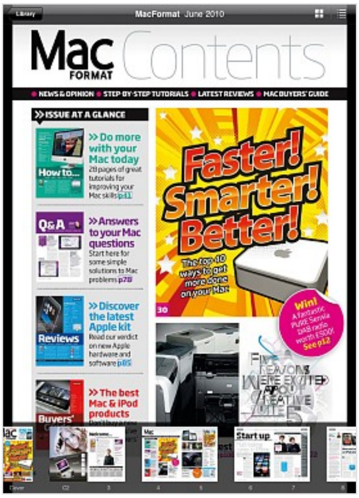
To bring up the *GoodReader* controls, just tap once on the screen. If you don't press anything else they disappear again, so you can read without distraction. A slider bar on the left enables you to navigate through the document, or you can flick the pages upwards.

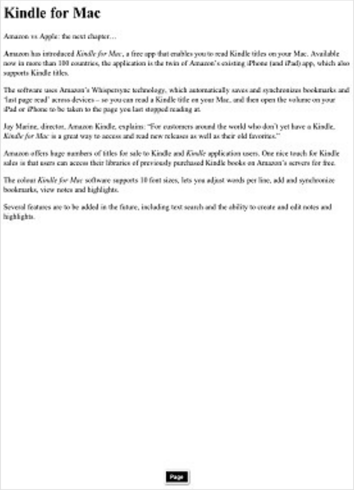
03 Add bookmarks

GoodReader makes it easy to add bookmarks, so you can save your position when reading the magazine and return to it later without having to scroll all the way back to where you left off. Click the **Bookmark** icon on the toolbar and click **Add Bookmark**, then give it a name. ●

HOW TO / Subscribe via Zinio on your iPad/iPhone


Shop
Featured
National Geographic
The Oxford American
MacFormat
OK! Magazine
Light & Delish
SPIN Magazine
Chicago Magazine
Fast Bikes
Aspen Magazine
Basketball Magazine
New Zealand Golf Magazine
Procycling


Library
MacFormat June 2010
Mac FORMAT
Contents
NEWS & OPINION
STEP-BY-STEP TUTORIALS
LATEST REVIEWS
MAC BUYERS' GUIDE
ISSUE AT A GLANCE
How to...
Do more with your Mac today
Q&A
Answers to your Mac questions
Reviews
Discover the latest Apple kit
Buyers'
The best Mac & iPod products
Faster! Smarter! Better!



Kindle for Mac

Amazon vs Apple: the next chapter…

Amazon has introduced *Kindle for Mac*, a free app that enables you to read Kindle titles on your Mac. Available now in more than 100 countries, the application is the twin of Amazon's existing iPhone (and iPad) app, which also supports Kindle titles.

The software uses Amazon's Whispersync technology, which automatically saves and synchronizes bookmarks and 'last page read' across devices – so you can read a Kindle title on your Mac, and then open the volume on your iPad or iPhone to be taken to the page you last stopped reading at.

Jay Marine, director, Amazon Kindle, explains: "For customers around the world who don't yet have a Kindle, *Kindle for Mac* is a great way to access and read new releases as well as their old favorites."

Amazon offers huge numbers of titles for sale to Kindle and *Kindle* application users. One nice touch for Kindle sales is that users can access their libraries of previously purchased Kindle books on Amazon's servers for free.

The colour *Kindle for Mac* software supports 10 font sizes, lets you adjust words per line, add and synchronize bookmarks, view notes and highlights.

Several features are to be added in the future, including text search and the ability to create and edit notes and highlights.

01 Get the Zinio app

On your iPad head over to the App Store and search for *Zinio*. The application is free to download, but you will need to pay for your subscription to the magazine. To subscribe to *MacFormat*, visit http://bit.ly/b7XszH or you can subscribe using the store in the app.

02 Get MacFormat

Once you've subscribed to *MacFormat* the latest issue will appear in your library. Just tap the cover to open it. You can read in portrait or landscape mode. Use the scrolling thumbnails along the bottom of the screen to navigate through the issue.

03 Just read text

You can zoom in and out of the page using the familiar pinch gesture, but *Zinio* has lots of other reading features. For example, at the bottom of the left-hand page of each spread you'll find a button called **Text**; tap this to view just the text from each article on the page. ●

EXPERT TIP

The screen rotation lock

The iPad is obviously designed with reading books and other media in mind, but one problem you might encounter is that your iPad flips between portrait and landscape mode too often as you move slightly when reading. This can become extremely annoying. Luckily, Apple has included a screen rotation lock on the side of the iPad, so you can fix it in a particular orientation. This can be especially useful when you're reading in bed, for example. Unfortunately, there's very little you can do to help you read in bright sunlight on an iPad, since the LED-backlit screen simply doesn't work well in sunny conditions.

iPad fanatic Graham Barlow is currently working his way through the iBooks Store.

QUICK TIP

In the *Zinio* app, click the icons in the top-right of the screen to access an overview of the pages in each issue, as above. You can also view each page in a list view, should you find that easier.

“All the news, reviews and photo ideas a photographer needs!”

Rachael D’Cruze Contributor, PhotoRadar.com

PhotoRadar
The home of digital photography

www.photoradar.com
facebook.com/photoradar
twitter.com/photoradar

PhotoRadar
Make photography new again.

Step-by-step techniques

Upload and share your portfolio

High-quality video lessons

Daily news and in-depth reviews

>> OS X SURVIVAL GUIDE

Keychain Access

Christopher Brennan has his logon details sorted

>> PROFILE

Name: Christopher Brennan
Occupation: Freelance journalist, Mac consultant and house-husband
System(s): Mac Pro (2x2.8GHz), MacBook (2Ghz), 20-inch iMac (2GHz), 12-inch PowerBook G4 (1GHz)

How are you with passwords? Are you organised? Do you keep them all in a safe place or do you use the same one for everything? Obviously, using the same password for everything is inherently dangerous. The downside to having lots of different passwords, however, is the possibility that you'll forget which password is for what and spend an age trying to get back into your accounts.

I'm an untidy person – just ask the deputy editor of *MacFormat*, Chris Phin. I sat next to him in an office for a while and where his desk was pristine and organised, mine was a mountain of paper, books and assorted technological gadgetry. This highly scatter-brained approach suits me and now that I work at home, I'm still just as untidy.

Organised chaos

Part of my disorganised organisation is a selection of sticky notes and bits of scrap paper with passwords written on them. Statements scrawled on bits of paper such as 'IMPORTANT' abound and in many cases, after a cup of coffee, I can remember why they're important.

The problem, you see, is that the Mac OS saves all my passwords for me and whenever I visit an office I've been to before or log on to the Mi-Fi broadband connection I have, there's no need to remember what the password is. This is probably a bit lazy; if I was properly organised I'd have a list of my user names and passwords on a lockable folder in a fireproof safe hidden in the back of the wardrobe…

> *"Keychain has been in the Mac OS since OS 8.6, which is quite a long time – over 10 years, in fact. It's the application that keeps me lazy"*

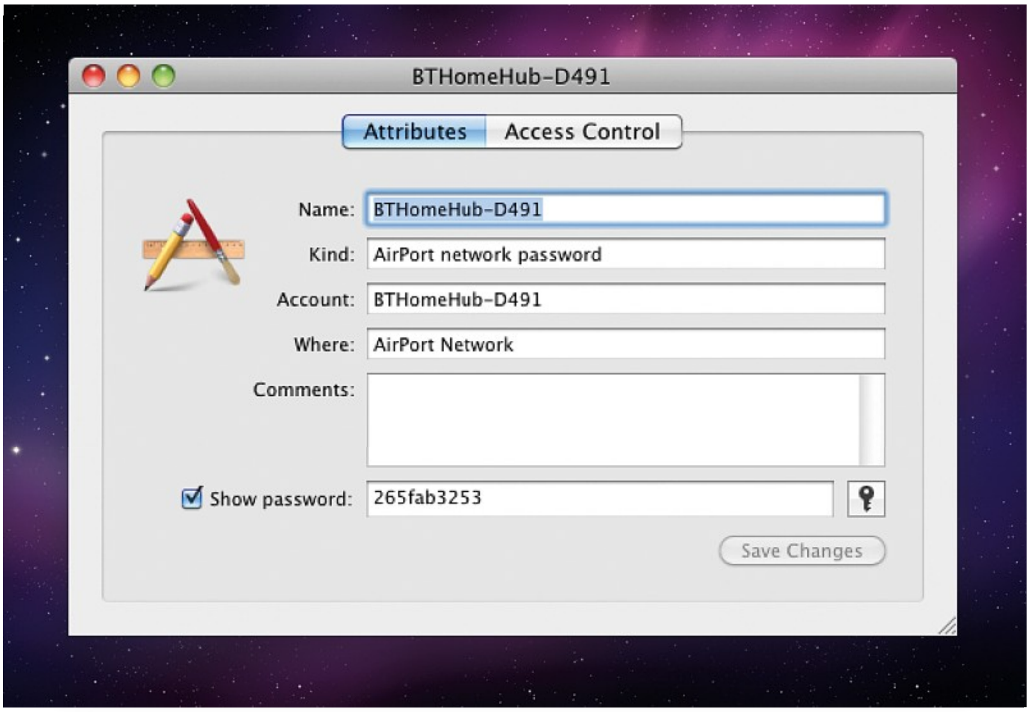
Keychain has been in the Mac OS since OS 8.6, which is quite a long time – over 10 years, in fact. It's the application that keeps me sane and saves all my passwords for me. And it always surprises me how few Mac users actually know about it. It's not the most attractive or feature-packed of password management applications, but on a few occasions it's saved my bacon.

Pure idiocy rules

About four years ago, I set up my mother-in-law's wireless broadband router for her. It worked flawlessly until a couple of weeks ago when, for some reason, it just stopped. The technician's magic fix of unplugging and plugging it back in again failed to work. No matter, I thought, I'll just log on to the browser interface and see what's up. This was a BT router and helpfully they print the logon details on the back of the router. But this is only helpful if you haven't changed them. I forget why, but for some reason I thought this would be sensible. Idiot.

Anyhow, all was not lost, as I could use *Keychain Access* to tell me the password. Here's how. Go to *Keychain Access* in the Utilities folder and launch it. Here you'll see a list of all the passwords and logon details you've entered, and if you double-click on them, a window will appear offering you all the information you need. Here you'll see a Show Password checkbox – tick it and enter your admin password. Hey presto, your bacon is saved as your password field is now filled with those precious hexadecimals. These details are very important, especially where the mother in law is involved.

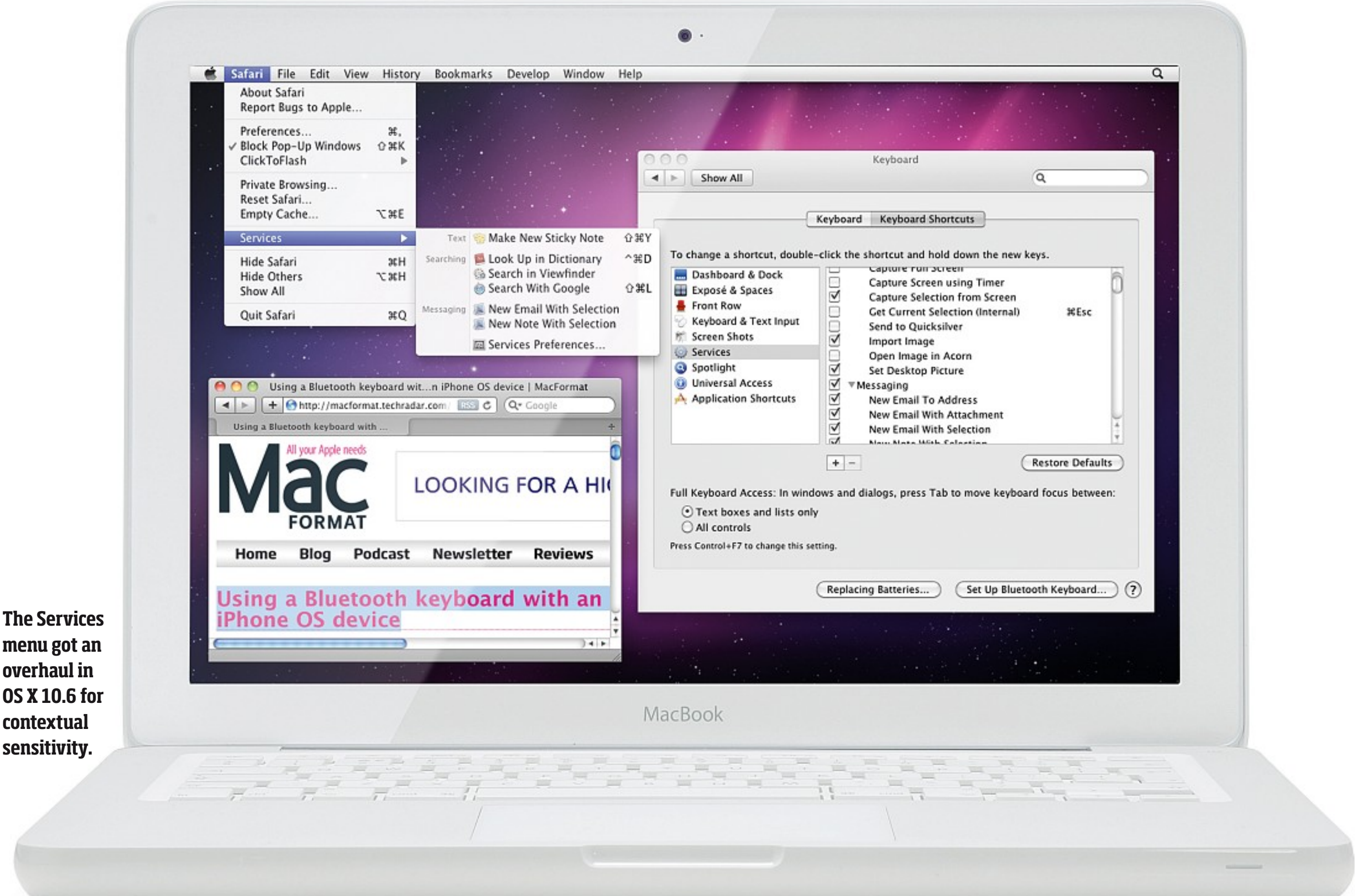
Now, I need to tidy up and go buy myself a fireproof safe and lockable folder, which I shall do as soon as *Deal or No Deal* has finished. ●



BTHomeHub-D491

Name: BTHomeHub-D491
Kind: AirPort network password
Account: BTHomeHub-D491
Where: AirPort Network
Comments:
☑ Show password: 265fab3253

Keychain Access stores all manner of password and logon details. If you're the forgetful type, it could be just the tool you need.


Safari File Edit View History Bookmarks Develop Window Help
About Safari
Report Bugs to Apple…
Preferences… ⌘,
✓ Block Pop-Up Windows ⇧⌘K
ClickToFlash
Private Browsing…
Reset Safari…
Empty Cache… ⌥⌘E
Services
Hide Safari ⌘H
Hide Others ⌥⌘H
Show All
Quit Safari ⌘Q
Text
Make New Sticky Note ⇧⌘Y
Searching
Look Up in Dictionary ^⌘D
Search in Viewfinder
Search With Google ⇧⌘L
Messaging
New Email With Selection
New Note With Selection
Services Preferences…
Keyboard
Show All
Keyboard
Keyboard Shortcuts
Dashboard & Dock
Exposé & Spaces
Front Row
Keyboard & Text Input
Screen Shots
Services
Spotlight
Universal Access
Application Shortcuts
Capture Full Screen
Capture Screen using Timer
Capture Selection from Screen
Get Current Selection (Internal) ⌘Esc
Send to Quicksilver
Import Image
Open Image in Acorn
Set Desktop Picture
Messaging
New Email To Address
New Email With Attachment
New Email With Selection
New Note With Selection
Restore Defaults
Text boxes and lists only
All controls
Replacing Batteries…
Set Up Bluetooth Keyboard…
Using a Bluetooth keyboard wit…n iPhone OS device | MacFormat
http://macformat.techradar.com/
Google
All your Apple needs
Mac FORMAT
LOOKING FOR A HI
Home Blog Podcast Newsletter Reviews
Using a Bluetooth keyboard with an iPhone OS device
MacBook

To change a shortcut, double-click the shortcut and hold down the new keys.

Full Keyboard Access: In windows and dialogs, press Tab to move keyboard focus between:

Press Control+F7 to change this setting.

The Services menu got an overhaul in OS X 10.6 for contextual sensitivity.

Master Mac OS X services

Learn how Snow Leopard's revamped services can save you time and effort

>> KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: 30 minutes

WHAT YOU'LL NEED: Mac OS X 10.6+, Safari, TextEdit, Stickies

When it comes to Mac OS X, the **Services** menu is where tumbleweed gathers. Since the early days of the operating system, the **Services** menu has been avoided by the majority of Mac users. This is largely because of what used to be found there: a bewildering, ever-growing mess of options, sub-menus and shortcuts. But with Snow Leopard, it got a major revamp, making it contextual and configurable. This guide provides you with insight into how you can make the most of Mac OS X services, which should enable you to save time and effort in various scenarios.

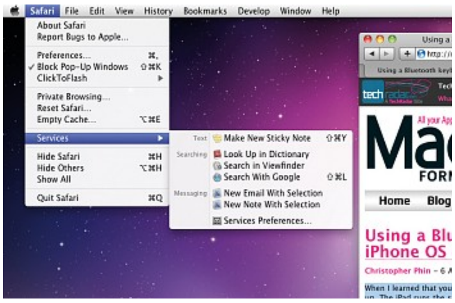
To be fair to Apple, the **Services** menu was always a pretty good idea. It houses a bunch of small actions, primarily for manipulating selected text and documents. For example, there are services for searching for a word in *Dictionary* and creating a new email or note from a selection, and these commands can have user-definable keyboard shortcuts to provide you with even faster access. With Snow Leopard, however, the system finally became usable.

As noted, two things now make the **Services** menu useful. First, the menu is now context-sensitive, so it only displays relevant options. In (increasingly rare) applications that don't support services, you see no options. If you've selected some text, you'll see quite a few choices in apps that support services; select an item in *Finder* and you'll see different choices. Pre-Snow Leopard, you had a sea of grey options punctuated by the odd black (and therefore selectable) one, and so clearly the revamp is welcome. The other major plus in Snow Leopard is that services can now be disabled and have user-defined shortcuts easily applied. This happens via the **Keyboard** pane in *System Preferences*, and we briefly show how this works in the tutorial.

> *"With Snow Leopard, the Services menu got a major revamp, making it contextual and configurable"*

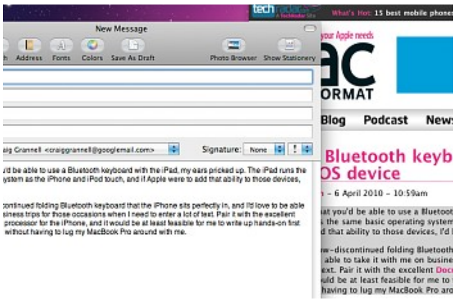
Craig Grannell

HOW TO / Make good use of the Services menu



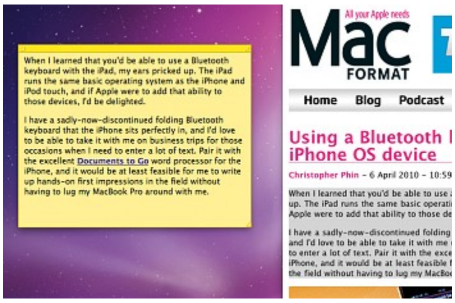
01 Using the menu

The best way to find out about the **Services** menu is to use it. Open a website in *Safari*, select some text, and select **Services** from the *Safari* menu. You'll see options for what you can do. Note: these might vary from Mac to Mac, depending on your installed apps.



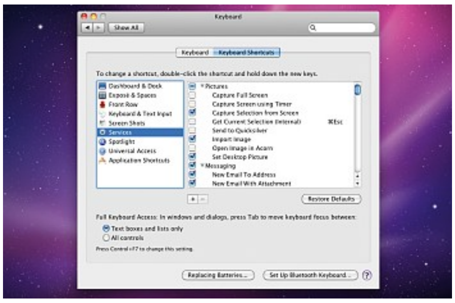
02 Text-based services

Assuming you haven't amended default services settings, select **New Email With Selection**. *Mail* will open with your text in a new message, without you involving the clipboard. The **New Note With Selection** option works the same way, but creates a new note.



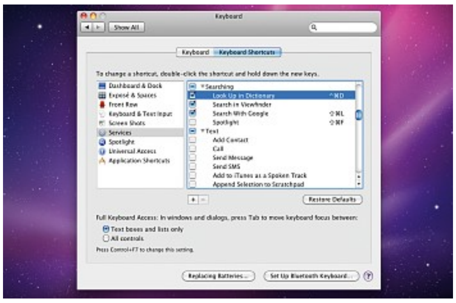
03 Services shortcuts

In the previous step you might have noticed **Make New Sticky Note** has a keyboard shortcut: ⇧+⌘+Y. Switch back to *Safari*. With your text still selected, press the keyboard shortcut. *Stickies* will open with a new note, containing the selected content.



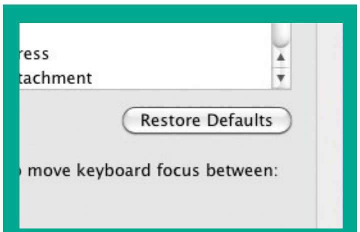
04 Manage your services

Launch *System Preferences* and select **Keyboard**. Click the **Keyboard Shortcuts** tab and select **Services** from the list of options in the left-hand pane. In the scrolling pane to the right you'll now see all available services. Use checkboxes to turn services on and off.



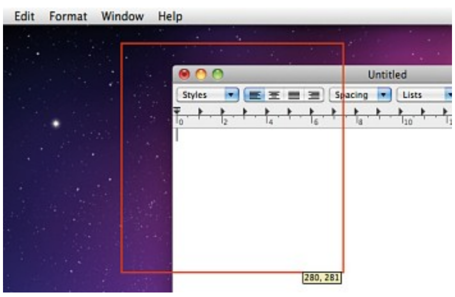
05 Define a service shortcut

Keyboard shortcuts are easy to define. Scroll down to **Look Up in Dictionary**. Double-click to the right, near the scroll bar, and hold ctrl+⌘+D. Select a word in *TextEdit* and use your shortcut – you'll see a pop-up definition. (Some apps launch *Dictionary*; others don't.)



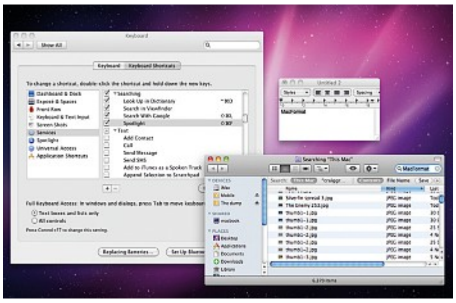
QUICK TIP

If you've made a mess of your **Services** menu and want to start again, click the **Restore Defaults** button. This will disable non-default services and remove any custom keyboard shortcuts that you've defined. Note that there's no undo for this action, so be sure you want to do it before you click!



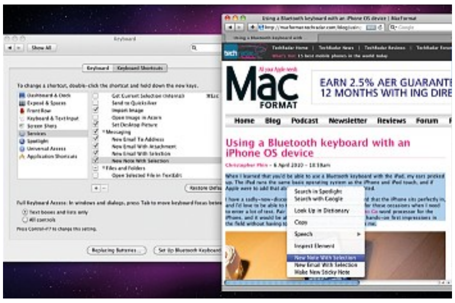
06 Import a screen grab

The **Services** menu enables you to import a screenshot into Mac word processors such as *Pages* and *TextEdit*. Select **Capture Selection from Screen** and drag an outline. The selection will be sent to your text editor. Other options can be selected in *System Preferences*.



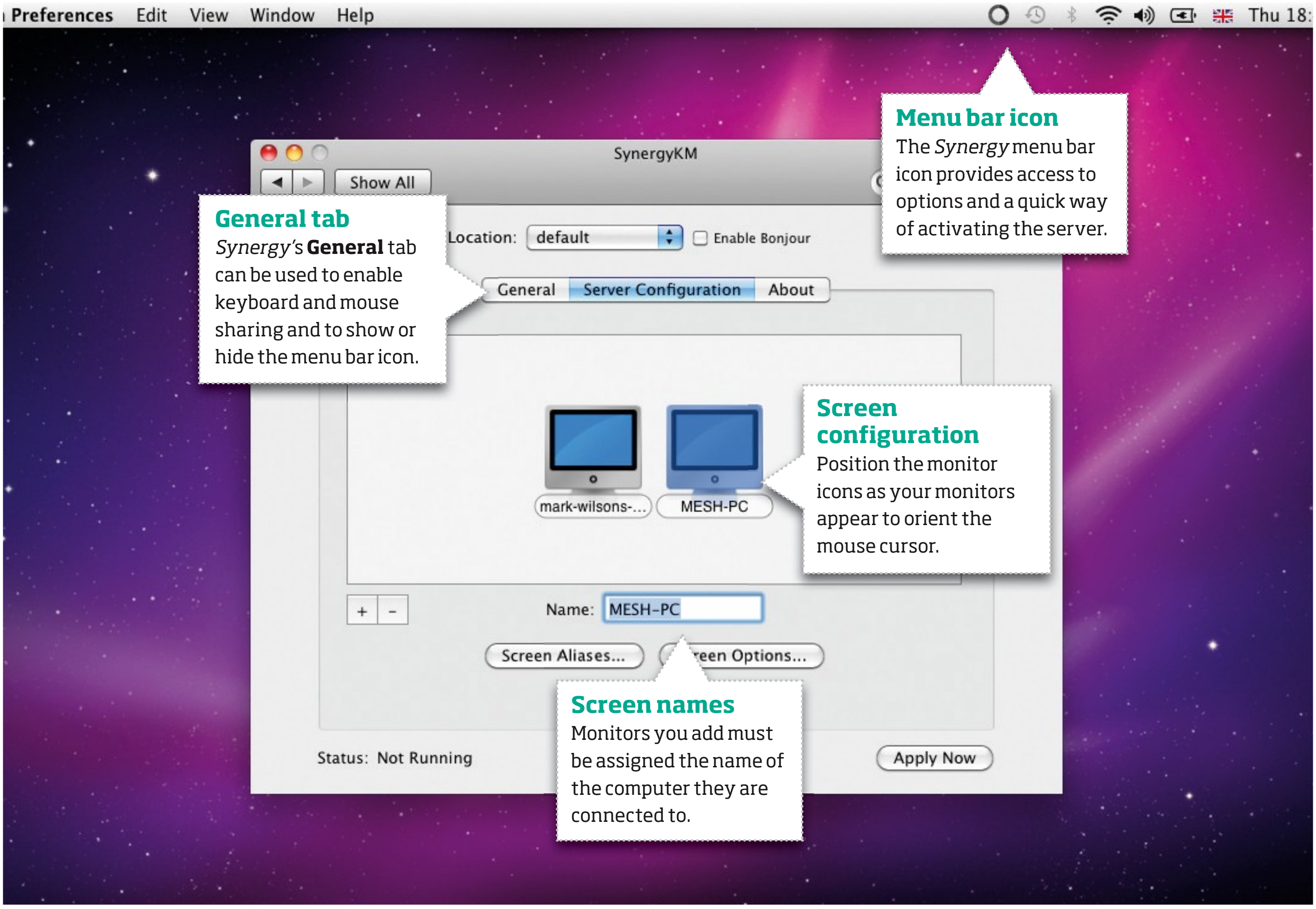
07 Searching for content

In the **Searching** section of the pane mentioned in Steps 4 and 5, ensure **Search With Google and Spotlight** are active. You can then use ⇧+⌘+L and ⇧+⌘+F to search for a selected term in Google (via *Safari*) or **Spotlight**, respectively.



08 Use the contextual menu

Services should be available (when relevant) via the contextual menu (ctrl- or right-click to see it). If you don't see options, such as those mentioned in Steps 2 and 3, that's down to a Mac OS X bug. Turn these services off and on again in *System Preferences* to fix it. ●



Location: default

Name: MESH-PC

Status: Not Running

Menu bar icon
The *Synergy* menu bar icon provides access to options and a quick way of activating the server.

General tab
Synergy's **General** tab can be used to enable keyboard and mouse sharing and to show or hide the menu bar icon.

Screen configuration
Position the monitor icons as your monitors appear to orient the mouse cursor.

Screen names
Monitors you add must be assigned the name of the computer they are connected to.

Share a mouse and keyboard

Use Synergy to share your Mac's keyboard and mouse with a PC

>> KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: 30 minutes

WHAT YOU'LL NEED:
SynergyKM for Mac and Synergy for Windows

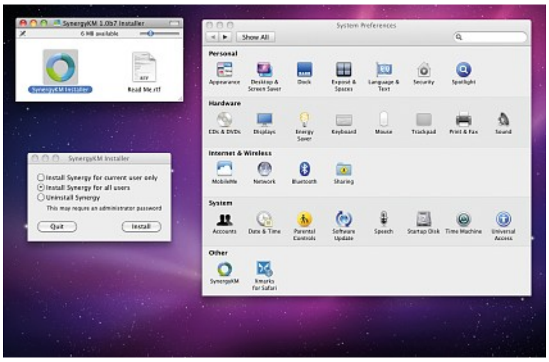
>> ON THE DISC
SynergyKM can be found on the disc.

However much you enjoy working with your Mac, there will be times when you have no choice but to work with a PC. It's not uncommon for Mac users to also own a Windows-based desktop computer or laptop. If you find that you're using a Mac and a PC at the same time, it means having to contend with not only two monitors, but also two keyboards and mice.

That's where *Synergy* comes in. It's a small program for OS X and Windows that makes it possible to share a single keyboard and mouse between two computers, helping to reduce desktop clutter and make it easier to move from one screen to another. *Synergy* works in much the same way as a multi-monitor setup, since the mouse can leave the edge of one computer's monitor and reappear on the other machine's screen. This is a great alternative to using a KVM switch as it's not only free but also eliminates the need for additional hardware.

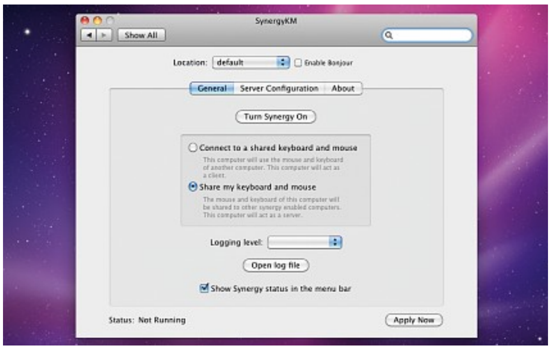
Synergy also sets up a shared clipboard that can be accessed by both Windows and OS X, making it easy to copy and paste between the two computers.

Mark Wilson



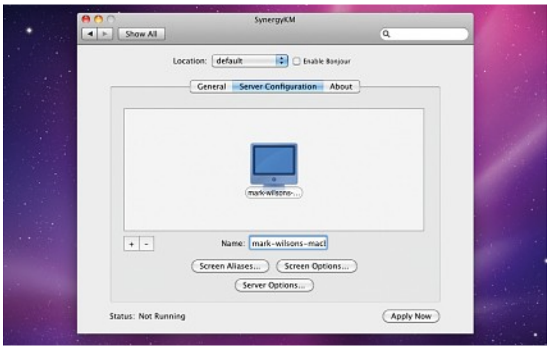
01 Install server

Before starting with *Synergy*, decide which computer's mouse and keyboard will be shared – this is known as the server; we'll be using the Mac as the server and *SynergyKM* is required. Run the installer. When the installation is complete, click **Configure**. If you close the window by mistake, open *System Preferences* and double-click the *SynergyKM* icon in the **Other** section.


SynergyKM
Show All
Location: default
☐ Enable Bonjour
General
Server Configuration
About
Turn Synergy On
○ Connect to a shared keyboard and mouse
● Share my keyboard and mouse
Logging level:
Open log file
☑ Show Synergy status in the menu bar
Status: Not Running
Apply Now

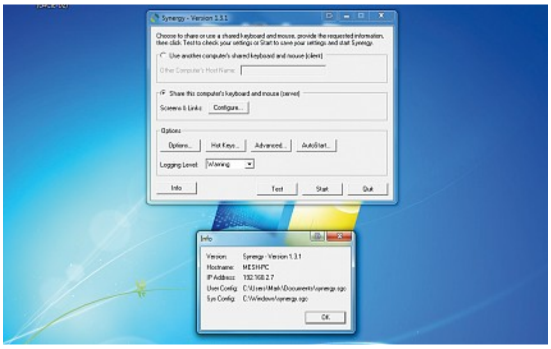
02 Enabling the server

In the *SynergyKM* window, select **Share my keyboard and mouse** – the **Client Configuration** button will change to **Server Configuration**. Although not strictly necessary at this stage, ticking the box for **Show Synergy status in the menu bar** is useful as it provides easier access to program options later. Click **Apply Now**.


SynergyKM
Show All
Location: default
☐ Enable Bonjour
General
Server Configuration
About
mark-wilsons-...
+ -
Name: mark-wilsons-mac
Screen Aliases...
Screen Options...
Server Options...
Status: Not Running
Apply Now

03 Server configuration

Click the **Server Configuration** button then click **+** to add a new screen to the setup. The screen needs to be assigned the same name as your Mac's hostname – it can be found in the **Sharing** panel in *System Preferences*, where it will be listed beneath **Computer Name**. Highlight the default label of **New Screen** and rename it.


Synergy - Version 1.3.1

Choose to share or use a shared keyboard and mouse, provide the requested information, then click Test to check your settings or Start to save your settings and start Synergy.

○ Use another computer's shared keyboard and mouse (client)

● Share this computer's keyboard and mouse (server)

Logging Level: Warning

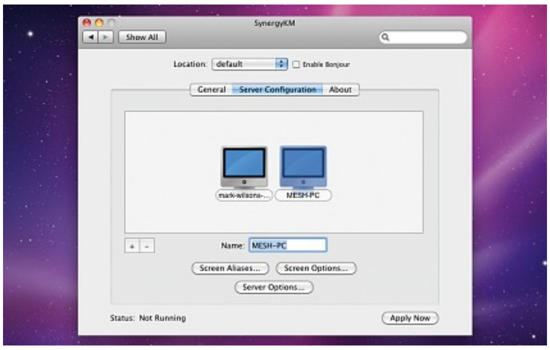
Info

Version: Synergy - Version 1.3.1
Hostname: MESH-PC
IP Address: 192.168.2.7
User Config: C:\Users\Mark\Documents\synergy.sgc
Sys Config: C:\Windows\synergy.sgc

Other Computer's Host Name:
Screens & Links:
Configure...
Options
Options...
Hot Keys...
Advanced...
AutoStart...
Info
Test
Start
Quit
OK

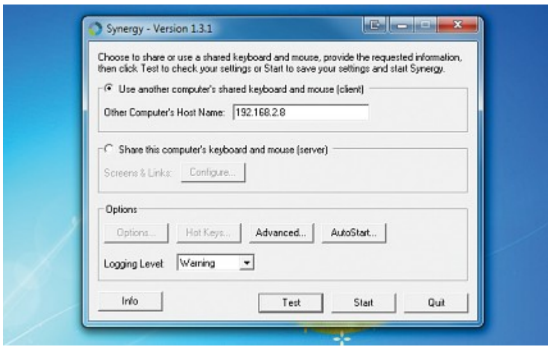
04 Windows screen

Now turn to your PC and install *Synergy for Windows* (**http://bit.ly/civ4lX**). Then launch *Synergy* from the desktop shortcut. Click the **Info** button in the lower left-hand corner of the window and make a note of the PC's hostname. Click **OK** to close the **Info** window then return to your Mac to continue the configuration.


SynergyKM
Show All
Location: default
☐ Enable Bonjour
General
Server Configuration
About
mark-wilsons-...
MESH-PC
+ -
Name: MESH-PC
Screen Aliases...
Screen Options...
Server Options...
Status: Not Running
Apply Now

05 Screen setup

On your Mac, click the **+** button again to add a second screen to the *SynergyKM* configuration and change the default name to the PC hostname. Having pressed ⏎ you can drag the images of the monitors in the *SynergyKM* window so they reflect the layout of the screens you have on your desk in front of you.


Synergy - Version 1.3.1

Choose to share or use a shared keyboard and mouse, provide the requested information, then click Test to check your settings or Start to save your settings and start Synergy.

● Use another computer's shared keyboard and mouse (client)

Other Computer's Host Name: 192.168.2.8

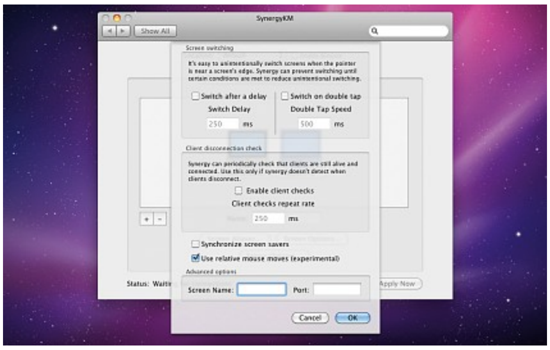
○ Share this computer's keyboard and mouse (server)

Logging Level: Warning

Screens & Links:
Configure...
Options
Options...
Hot Keys...
Advanced...
AutoStart...
Info
Test
Start
Quit

06 Connect machines

Click the **General** button then click **Turn Synergy On**. The *SynergyKM* menu bar icon may briefly display a yellow warning triangle; this will disappear. On your PC, select **Use another computer's shared keyboard and mouse**, enter the IP address of your Mac and click **Start**. Your Mac and PC should now be sharing these peripherals.


SynergyKM
Show All
Screen switching
☐ Switch after a delay
☐ Switch on double tap
Switch Delay
Double Tap Speed
250 ms
500 ms
Client disconnection check
☐ Enable client checks
Client checks repeat rate
250 ms
☐ Synchronize screen savers
☑ Use relative mouse moves (experimental)
Advanced options
Screen Name:
Port:
Cancel
OK
Status:
Apply Now

07 Screen switching

Moving the mouse cursor between screens is a simple matter of moving to the edge of your Mac's monitor. To prevent accidentally switching, click **Server Options** on the **Server Configuration** screen and activate **Switch after delay** or **Switch on double tap** to switch only after a pause or a double-click at the screen edge. ●

EXPERT TIP

Sharing from Windows

In this tutorial we've focused on sharing a mouse and keyboard attached to a Mac, but it's also possible for *Synergy* to be used the opposite way – to share a mouse and keyboard attached to a PC and use it with a Mac. The setup process is very similar, but your Windows computer needs to be configured to be the server rather than your Mac. When it comes to adjusting monitor layouts, drop-down menus must be used to indicate which monitor is to the right and left. You must demonstrate monitor locations in both directions – that is, you must specify that your Mac monitor is to the left of your Windows monitor as well as the fact that your Windows monitor is to the right of your Mac. There are also more advanced controls for compensating for different resolutions and monitor heights.

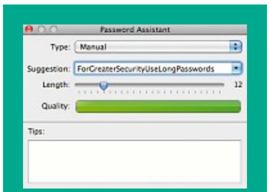
Mark has been a freelance writer for various Future magazines since 2002.

»QUICK TIP

Open the **Network** panel in *System Preferences*, select your connection and your IP address is shown to the right. You'll need this to share your keyboard and mouse.

Lock down your Mac

Working with top-secret data? Worried someone's out to get you? Fear not…



Type: Manual
Suggestion: ForGreaterSecurityUseLongPasswords
Length: 12

»QUICK TIP

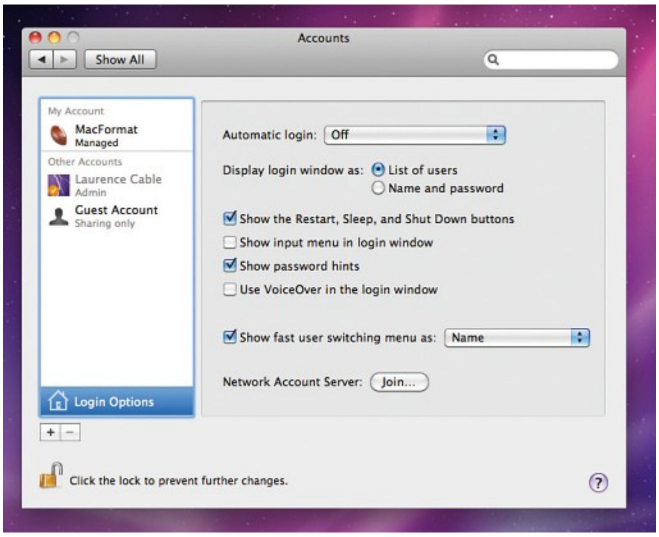
Choose secure passwords using Mac OS X's Password Assistant. In the **Accounts** pane of *System Preferences*, click your username and then click the key next to the **New password** field. Use a suggestion from the **Type** drop-down, or enter your own and see how strong it is in the **Quality** bar.

Unless you work in the secret services or are more paranoid than most, security isn't the first thing you think about when using your Mac. But then it shouldn't be – we buy Macs because we love working with them and because they're easy to use. However, even if you're the most trusting person in the world, putting a few measures in place to make your Mac less susceptible to those who have no business using it is a good idea. How far you go with it depends on how paranoid you are, so we've come up with a whole host of tips and divided them into categories. Decide for yourself which ones you need.

Sensible precautions

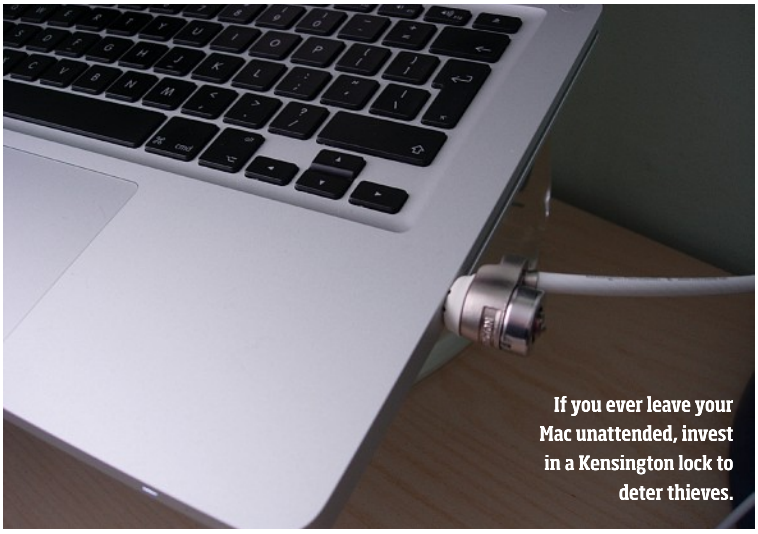
Unless you have particular reason to want it, putting too much security in place can look like extreme paranoia. But let's start with some common-sense ways to keep your Mac safe.

First off, disable automatic login, so that a password is required before you get to your Desktop. Go into *System Preferences* and click **Accounts**, then **Login Options** in the left-hand column. You may now need to click the padlock at the bottom and enter your password to access the settings on the right. Set the **Automatic login** drop-down to **Off**. Now let's set it so that you need a password to wake your computer from screensaver or sleep. Click **Show All** at the top of the **Accounts** window and then click **Security**. In the **General** tab, tick the top box marked **Require password after sleep or screen saver begins**. On the drop-down that becomes active, choose **immediately**.



Automatic login: Off
Display login window as: ● List of users ○ Name and password
☑ Show the Restart, Sleep, and Shut Down buttons
☐ Show input menu in login window
☑ Show password hints
☐ Use VoiceOver in the login window
☑ Show fast user switching menu as: Name
Network Account Server: Join…
Click the lock to prevent further changes.

Disabling Automatic login should be your first port of call when locking down your Mac.



If you ever leave your Mac unattended, invest in a Kensington lock to deter thieves.

So now, anyone trying to access your Mac will need a password if it's either off, asleep, or on screensaver. But what if you leave your Mac unattended only briefly? If your screensaver doesn't come on for five minutes, this leaves a window of opportunity for someone to access it. If you've ever used Windows, you may be familiar with the ability to 'lock' your screen instantly. Mac OS X doesn't have this feature as such, but we've got a trick that's even easier to use. Go back to the main *System Preferences* screen and click **Desktop & Screen Saver**. Choose the **Screen Saver** tab and click the **Hot Corners…** button. When you move your mouse to a **Hot Corner**, you can tell your computer to do a certain action – in this case, select **Put Display to Sleep** or **Start Screen Saver**. Choose whichever corner of your screen you'd like to use – we recommend one of the bottom ones, given the proximity of the menu and **Spotlight** to the top corners. Click **OK**, and move your mouse to the corner you've chosen to try your new setting.

> *"Even if you're the most trusting person in the whole world, putting protective measures in place is a good idea"*

Our last password-related tip at this stage is to lock down all the *System Preferences* so that people can't mess with them. Go back into the **Security** pane, and tick **Require a password to unlock each System Preferences pane**.

Set up user accounts

So at this point, your Mac's pretty well password-protected (if you're worried about someone getting around this, see 'They're out to get me!', page 72).

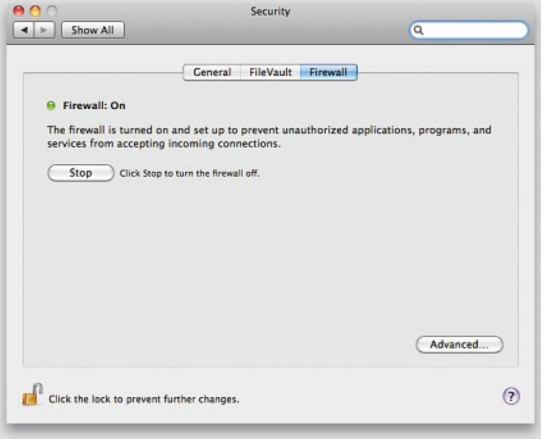
Next, if several people use your Mac, set them up each with their own account, so that you can enable **Parental Controls**. In *System Preferences*, click **Accounts**, then click the + below the left-hand column. From the top drop-down, choose **Managed with Parental Controls**, fill in the other details and click **Create Account**. Then select **Open Parental Controls…** on the next screen to explore the options. For more information on what you can do with these particular controls, see *MacFormat* issue 218 or 193.

HOW TO / Protect your Mac from online attacks

If you connect to the internet via a broadband router or corporate network, chances are that there's already a firewall somewhere between your Mac and the big bad internet. However, there's no harm in giving yourself an additional layer of protection.

Open up *System Preferences* and click Security > Firewall. Unlock the window by clicking the lock and entering your password, then click **Start** to activate the firewall. Press **Advanced...** to set up more options. If you're really scared that someone's out to attack your Mac, choose to **Block all incoming connections**, which will prevent anything other than basic internet and email use. If you want to use *iTunes* sharing or share files between Macs on your network, you'll have to uncheck this setting. You can permit individual applications to accept incoming connections by clicking the **+** below the list and browsing to the app in question. Add *iTunes* to this list.

For added security, uncheck **Automatically allow signed software to receive incoming connections** then tick **Enable stealth mode**. This latter option prevents your Mac from responding to attempts by other machines to connect to it or ping it. Any attempts to do so will simply time out, effectively telling any trouble-seekers that there's no computer there at all. For obvious reasons, the firewall applies across all user accounts on your Mac.



Firewall: On

The firewall is turned on and set up to prevent unauthorized applications, programs, and services from accepting incoming connections.

Click Stop to turn the firewall off.

Click the lock to prevent further changes.

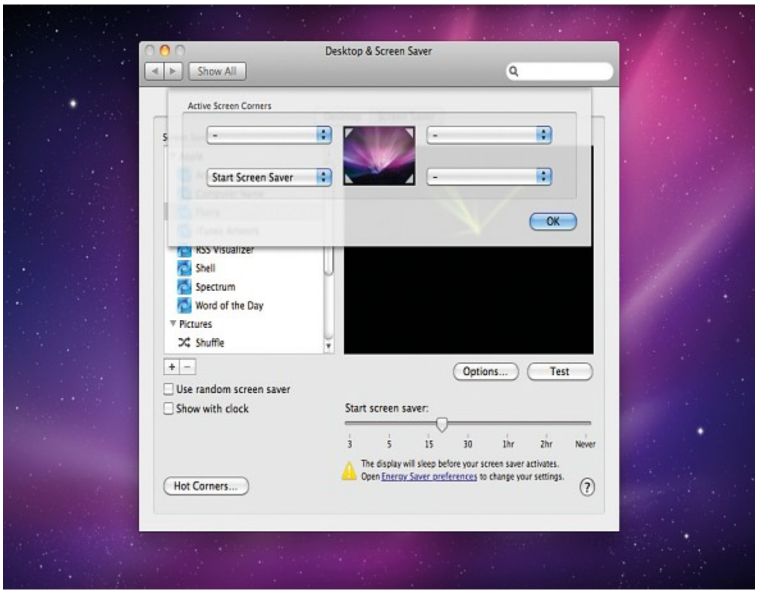
Activate OS X's built in Firewall for that extra layer of security.

If you're less trusting and feel that the tips so far aren't enough, we've got more. Whenever you empty the Trash, the files remain on your hard drive until the space is needed for something else. But by using Secure Empty Trash, you can prevent them from being recovered as easily. You can tell your Mac always to empty the Trash securely by clicking the *Finder* icon in your Dock, and selecting Finder > Preferences. In the Advanced tab, tick Empty Trash securely.

If you've previously deleted sensitive files and not done this securely, you can make them harder to recover by wiping the free space on your drive. Open *Disk Utility* (in Applications > Utilities), click your hard drive's name on the left, then click the Erase tab on the right. Click Erase Free Space... and choose the option you'd like. Zeroing out data is the quickest, but can still take several hours. The more secure options will take considerably longer. When you're reformatting a disk, such as a USB drive, you can do this securely too – just click Security Options... in the Erase pane and choose your method.

Protect against threats

Viruses certainly aren't common on the Mac, but if you're extremely security-conscious, having a virus-checker on your Mac is a good idea for peace of mind. The free *iAntiVirus* (www.iantivirus.com) is a good place to start, and to combat malware, give *MacScan* a try (http://macscan.securemac.com).



The display will sleep before your screen saver activates. Open Energy Saver preferences to change your settings.

Set a Hot Corner to activate your screensaver and password-protect your Mac in an instant.

So much for nonhuman threats. But thieves could always attack if you leave your Mac unattended. If you do, it's worth considering a way of deterring such opportunists. The obvious choice is a Kensington lock, which attaches to your Mac's security slot (unless you have a MacBook Air, which doesn't have one). The lock has a cable attached to it, which you can loop around something fixed, such as a radiator or a train seat. A few manufacturers produced USB port alarms that sounded when they were removed, but these aren't easily available nowadays, although you may still find one on eBay. Clearly, neither of these can stop determined thieves, but they're a useful deterrent – wrenching out a Kensington lock will damage the case, so a thief would struggle to sell it on. If you have an iMac or Mac Pro, you can easily put a chain or cable lock through the handles or the hole in the stand to secure them, and lock the case on a Mac Pro to safeguard the innards.

Dealing with top-secret financial information, or completely paranoid? Then try the solutions overleaf...

> *"Whenever you empty the Trash, the files remain on your hard drive until the space is needed for something"*

QUICK TIP

If you use a Bluetooth device with your Mac, such as a mouse or a mobile phone, make sure your Mac can't be discovered by anyone scanning the airwaves. In the Bluetooth menu, ensure **Discoverable** isn't ticked, or find the same option in the ***Bluetooth*** *System Preferences* pane.

Welcome to 1Password

» QUICK TIP

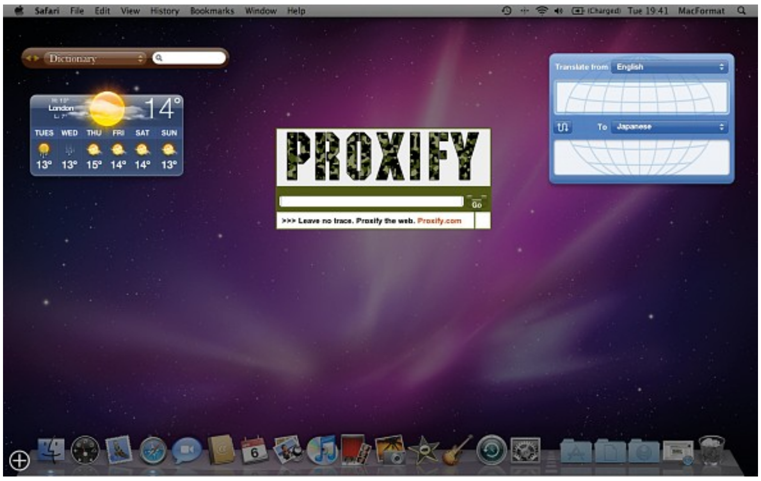
You can store passwords in the Mac OS X *Keychain*, but a utility called *1Password* (**http://bit.ly/1Golyl**) does this and more. It also protects you against malware that might try to steal your bank or credit card details by recording what you type. The full version costs $40 (about £26).

First, go back into the **Security** pane in *System Preferences*, and tick all the remaining options for optimum security, including **Disable Location Services** and **Disable remote control infrared receiver**. The former will prevent your Mac from telling software where you are at any time, unless you give permission.

Next up, someone intent on gaining access to your Mac could do so via a USB port. However, you can get port covers that can't be removed without a special key – one option is a set from Lindy, where you get four covers for £15 (**http://bit.ly/bBRdRY**).

They're out to get me!

Even if you've password-protected your Mac, as we explained above, someone could still access your hard drive by booting from an optical disc, or using FireWire Target Disk mode. You can prevent this by enabling a firmware password, which prevents your Mac being booted from a CD or DVD using FireWire Target Disk mode, Verbose mode, and more. Note that in most cases, you won't actually be asked to enter the password when you switch on your Mac – the only time this will happen is if you hold down ⌥ to display the Startup Manager, where you can pick which startup disk to use. To add firmware password protection to your Mac, insert your Mac OS X installation DVD and restart, holding down C to boot from it. When the installer loads, go to the **Utilities** menu and choose **Firmware Password Utility**. Click **New**, and tick the **Require password to start this computer from another source** box. Enter your password of choice and click **OK**, then **Quit**. Exit the Mac OS X Installer, click **Restart** and hold down C to test that your password is in place – if it is, your Mac will start up from your hard drive, rather than the Mac OS X DVD.



Keep your IP address secret by using an online scrambler service such as Proxify.

> *"Someone could access your hard disk drive by booting from an optical disc or using FireWire Target Disk"*

The firmware password can be changed by any Administrator, or through physical access to the Mac's insides, so if you're really worried about people getting around this, you'll have to lock the Mac away somewhere. If someone was able to get the hard drive out of your Mac, they would be able to access the files on it, so use a firmware password in conjunction with **FileVault** to cover all bases. For more details on firmware passwords, see **http://bit.ly/jkURe**.

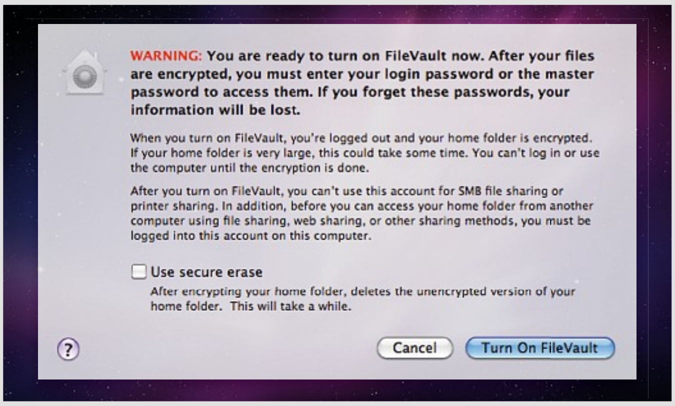
If you're not a fan of passwords, or are worried that someone knows too much about you and would be able to crack them, why not try a fingerprint scanner? The pattern on the end of your finger is truly unique, and can be used instead of passwords for various

» HOW TO / Encrypt your Home folder with FileVault

If you're worried that another user of your Mac is looking at your documents then you can encrypt your whole home folder. This works on a user-by-user basis, so needn't be switched on for all accounts. It encrypts the contents of your home folder (**Users/ yourusername**) using the account's login password.

There are a few things to be aware of, however. First, if it's enabled and you're logged in to your account, you can open files as normal, which is great from a user-friendliness perspective, but not from a security one. So make sure that if you ever leave your Mac unattended, you lock the screen, as described earlier, or log out. Second, when you set up FileVault, you set a master password, which you can use in case an individual user account password is forgotten. But if you forget both the user password and the master password, the encrypted files will be lost forever. Lastly, encrypting and decrypting your files takes time, so be aware that logging in and out will be slower.

To set up FileVault, open the **Security** pane in *System Preferences* and click the **FileVault** tab. Set the master password using the upper button, then click **Turn On FileVault…**. Enter the password for the account you're signed in on and read the warning. If you'd like the existing, unencrypted version of your home folder erased securely, tick the box. Then click **Turn On FileVault**. You'll be logged out and then need to log back in. The icon next to your username will have changed to a FileVault one.



WARNING: You are ready to turn on FileVault now. After your files are encrypted, you must enter your login password or the master password to access them. If you forget these passwords, your information will be lost.

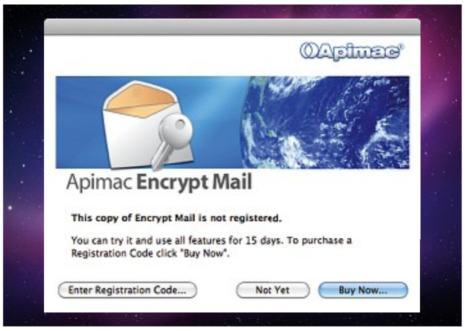
When you turn on FileVault, you're logged out and your home folder is encrypted. If your home folder is very large, this could take some time. You can't log in or use the computer until the encryption is done.

After you turn on FileVault, you can't use this account for SMB file sharing or printer sharing. In addition, before you can access your home folder from another computer using file sharing, web sharing, or other sharing methods, you must be logged into this account on this computer.

☐ Use secure erase
After encrypting your home folder, deletes the unencrypted version of your home folder. This will take a while.

If you can live with slower boot and shutdown times, FileVault can protect files.

HOW TO / Send encrypted email with Encrypt Mail (on the disc)

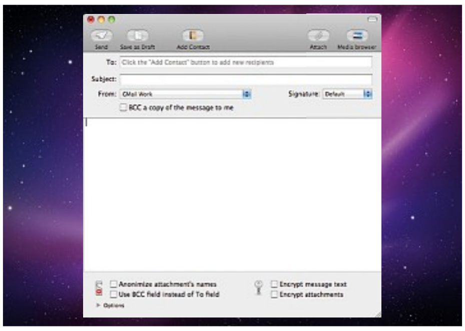

Apimac Encrypt Mail

This copy of Encrypt Mail is not registered.

You can try it and use all features for 15 days. To purchase a Registration Code click "Buy Now".

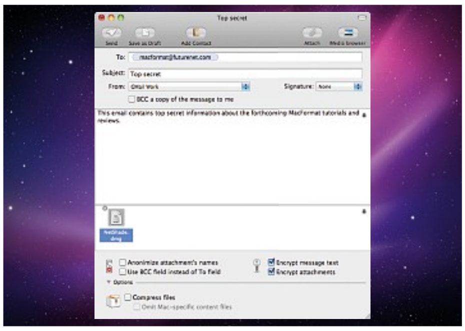
01 Install Encrypt Mail

On the unregistered version, click **Not Yet** before anything else. Then you need to configure your email account to send from. Go to Encrypt Mail > Preferences > Accounts and click the + at the bottom. Enter your details, click **Save** and close the window.


To: Click the "Add Contact" button to add new recipients
Subject:
From: GMail Work
Signature: Default
☐ BCC a copy of the message to me
☐ Anonimize attachment's names
☐ Use BCC field instead of To field
☐ Encrypt message text
☐ Encrypt attachments

02 Add a Contact button

Go to File > New Message. If you use *Address Book* to store people's email addresses, click **Add Contact** at the top of the message window. Choose who you want to send to and click **OK**. Or you can simply type the recipient's email address into the **To:** field.

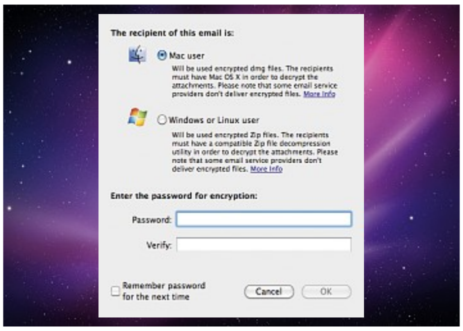

Top secret
To: macformat@futurenet.com
Subject: Top secret
From: Gmail Work
Signature: None
☐ BCC a copy of the message to me

This email contains top secret information about the forthcoming MacFormat tutorials and reviews.

☐ Anonimize attachment's names
☐ Use BCC field instead of To field
☑ Encrypt message text
☑ Encrypt attachments
☐ Compress files
☐ Omit Mac-specific content files

03 Add attachments

To add attachments, simply drag the files into the message window as you would in *Mail*. Alternatively, if you drag a file to *Encrypt Mail's* Dock icon, it creates a new message containing that attachment, to which you can add a recipient's email address, subject and text.


The recipient of this email is:

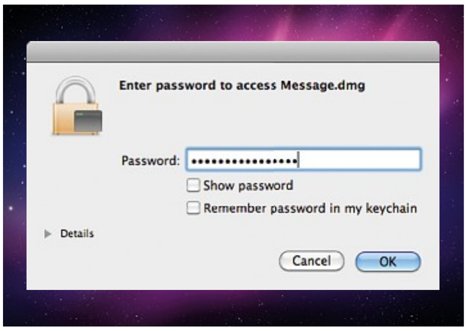
● Mac user
Will be used encrypted dmg files. The recipients must have Mac OS X in order to decrypt the attachments. Please note that some email service providers don't deliver encrypted files. More Info

○ Windows or Linux user
Will be used encrypted Zip files. The recipients must have a compatible Zip file decompression utility in order to decrypt the attachments. Please note that some email service providers don't deliver encrypted files. More Info

Enter the password for encryption:
Password:
Verify:
☐ Remember password for the next time

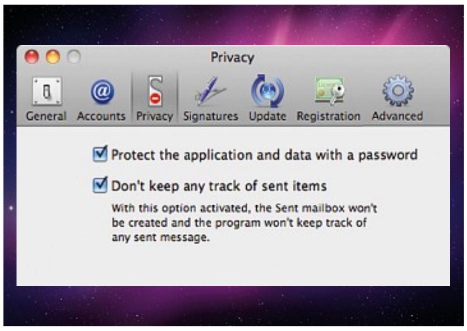
04 Select encryption

At the bottom of the message window, tick **Encrypt message text** and **Encrypt attachments**. When you're ready, click **Send**. You'll be asked to select a Mac, Windows or Linux recipient. If in doubt, choose **Windows** or **Linux**.


Enter password to access Message.dmg
Password: ••••••••••••••••
☐ Show password
☐ Remember password in my keychain

05 Enter password

Enter the password that the recipient will need to unlock the email. Then click **OK** to send the email. The recipient will receive the message and any attachments, but they'll need to enter the password you chose earlier to open them.


Privacy
☑ Protect the application and data with a password
☑ Don't keep any track of sent items
With this option activated, the Sent mailbox won't be created and the program won't keep track of any sent message.

06 Further measures

For added security, *Encrypt Mail* offers other options, such as password-protecting the whole app, and not keeping sent item records. You can password-protect the app by clicking the padlock in the top-left of the main window. ●

tasks on your Mac, including logging in and user switching. Upek (**http://bit.ly/aoRiI8**) makes two compact USB fingerprint scanners, each for under £40, which are available in the UK via Amazon. Handily, the software supports multiple users, so anyone with permission who needs to use your Mac could log in this way.

The web is an integral part of the way we use our Macs today, and it wouldn't be worth locking down your Mac to such an extent if you didn't take steps to protect your online day-to-day communications. First up, make sure that your email is sent in encrypted form. When you do this via Mac OS X, the system employs certificates to authenticate access, but it's a bit complicated to set up. However, a little app called *Encrypt Mail* (a 15-day trial is on the disc this issue) makes sending password-protected email quite simple. See the walkthrough above for details of how to use it to send encrypted messages with ease. If you find it useful then the full version costs £28.

> *"You can browse the web anonymously, without the sites you visit finding out what your IP address is"*

Second, try a service that enables you to browse the web anonymously, without the sites you visit finding out what your IP address is. One option is *Proxify* (accessed via **www.proxify.co.uk**) or there's a *Dashboard* widget available from **http://bit.ly/b5wna5**. The basic service is free and extremely easy to use; a subscription costs £30 for six months. However, we found it prevented some sites from working properly, especially when using HTTPS, but it did seem to mask our IP address, unlike some others that claim to but didn't. Have a play around with the widget's settings to see what works for you.

Laurence Cable

Suspected Phishing Site
Warning: Suspected phishing site

QUICK TIP

Safari now has built-in protection against fraudulent sites. Go to *Safari's* **Preferences** window, click **Security**, and tick **Warn when visiting a fraudulent site** to get protected.

Illustration by Bill McConkey

GAMETOPIA
1UP
HALO'S BAR
CAGE FIGHTER
LINK'S TOWER

A brave new world for Mac games

Hold onto your underpants, because games are about to get exciting on the Mac again. **James King** investigates…

Back in 2007, games developer Valve's Gabe Newell said: "We'd love it if (Apple) would get serious about (games). But they never have… It seems bizarre because it's like one of the biggest things holding them back in the consumer space. If you look at a Macintosh right now, it does a lot of things really well compared to a Vista PC, but there are no games." He was right, it was bizarre.

And it continued to be bizarre until the March of this year, when Valve announced it would be releasing its Steam digital download service for games on the Mac – which accounts for 70% of online games sales – as well as releasing all its past and upcoming Source-engine games. Why the change? John Cook of Valve: "The Mac is a very attractive platform for entertainment as a service." But it's been around since 1984. Why wasn't it attractive before?

For years gaming on the Mac was possible, but undesirable; the user base relative to the PC was low, almost no-one had a graphics card that was designed for gaming, and because of compatibility issues games had to be made from scratch rather than ported. Moreover, where Linux always shared the same IBM architecture and had a devoted network of hardcore volunteer programmers, the Mac had too many obstacles to overcome at once, and not enough people willing to meet the challenge. The advantages it did have were standardisation and an untapped, relatively wealthy market, enough to tempt only a few intrepid developers.

However, with the shift from the PowerPC architecture in 2006 to Intel architecture (see 'An End to Endians' overleaf), every Apple's innards suddenly became functionally equivalent to those of a typical Windows PC. Gavriel State, CTO of game-porting experts Transgaming, explains: "The biggest (remaining) hardware difference is on the desktop side, where most PCs use add-in cards for graphics, while only Mac Pros have upgradable graphics cards on the Mac side."

»

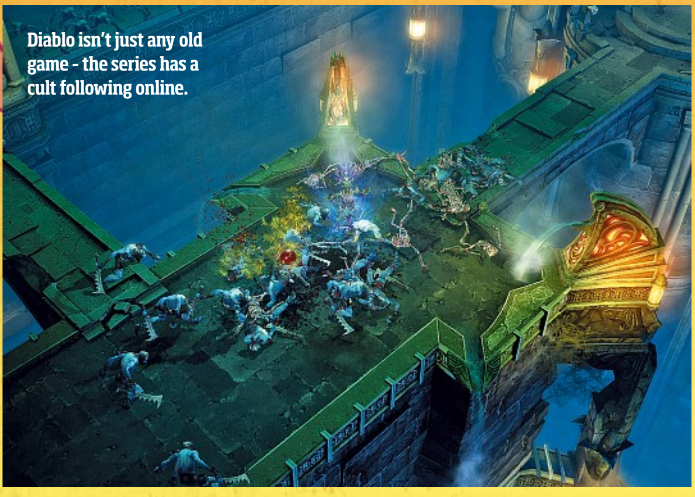
]

[01] As with all of Blizzard's releases, Diablo 3 is Mac-bound.
[02] Doctor Who finds time for PCs and Macs in the near future.
[03] Starcraft 2 is another huge release coming to the Mac.
[04] The perennially popular Sims series already has Mac status.
[05] id Software's upcoming Rage first-person shooter is sure to make waves on Mac.

01

02

03


Diablo isn't just any old game - the series has a cult following online.

AN END TO ENDIANS / Code wars

You'll often hear that the reason PCs and Macs weren't compatible was due to 'Endian' differences, a wonderfully obfuscatory phrase with a great history. What does it mean? It all goes back to Jonathan Swift. His Lilliputians went to war over which end to eat an egg from, a not-so-subtle parody on his part of what he considered the irrelevant doctrinal differences between branches of Christianity.

Why does this apply to Mac-PC compatibility? Because at the most basic level, the way Macs and PCs worked was exactly opposed. One organised data by increasing importance, the other put the most important data first. Both had their advantages, but actually there was no real need for this difference… except obstinate programmers. That's led to 20 years of unnecessary bickering, a long absence of the best creative programs from the PC and the best games from the Mac, and, in general, two platforms that refused to cross-fertilise.

So consider this a plea to programmers out there - please,please use open standards. They may not be the best for your particular project, but they help the rest of us, PC and Mac, in the long run.

So developing on the Mac was easy but apparently not desirable for Apple. Newell again, pre-2010: "I just don't think they've ever taken gaming seriously. And none of the things developers ask them to do are done. And as a result, there's no gaming market there to speak of. We'd love it if they would get serious about it. But they never have, and can't even follow through on any of their commitments for game developers." Apple was interested, but gaming was never a focus. Perhaps wisely, its longer-term plan was more concerned with securing its current market – whether that was music or mobile phone – rather than pushing the Mac into a direct competition with the next generation of consoles as they launched.

Four years on, those 'new consoles' are starting to look weary in comparison to what a specced-up Mac or PC can handle, and suddenly the Mac looks attractive. Moreover, the iPhone plays games better than the PSP or DS, and its micropayments system has revolutionised gaming, being arguably the only platform that's matching pace with the ongoing social gaming revolution. Instead of £40 games that require systems worth hundreds of pounds, now you can get quality games for pennies. Indeed, you can get exactly the same version of *Football Manager* on your iPhone for £7 that costs £25 on the PSP – and that's regarded as overpriced! Indie developer James Brown, of Ancient Workshop, makes the key point, though: "The real change that's happened here is not so much the hardware as the general resurgence in Apple's fortunes. It's no longer a niche; it's something you develop for as a matter of course." The glorious success of the iPhone is really bleeding over onto Apple's main systems, at exactly the time its putative rivals have stumbled.

A new age

Whatever the reasons, Mac gaming has started to boom. Despite the advent of this new age, it's still hard to find publishers who are willing to talk about it – expertise seems thin on the ground and nearly all developers, even long-term Apple aficionados, have developed almost exclusively for PCs, and Windows PCs at that. Many still employ porting-houses to transfer games across, or use Transgaming's Cider tools – EA has used this to port all of their recent triple-A games, from *Spore* to *Red Alert 3* and *The Sims 3*.

But just how easy is it to develop for the Mac? Ex-EA and Lionhead developer James Brown continues to develop his *Ancient Frog* game simultaneously for iPhone, Mac and PC; "Games are probably the easiest type of application to adapt from PC to Mac. Where you run into difficulty porting an application from one platform to another is in the user interface. And a game pretty much is a user interface – it exists solely as something to be interacted with, and that interaction is something which

04

05

CH-CH-CH-CHANGES / Tribal erosion

What can games reveal about the changing profile of Mac users and their machines? One of the major advantages of Steam is that it retains anonymous data on all its users' systems, which is publicly available. (They reveal the data on their users at **http://store.steampowered.com/hwsurvey**.) This means that soon we'll be seeing a realistic hardware survey of the Mac gaming market for the first time – the size of the user base, what systems everyone is using, what OS version people are on, and so on.

It's already apparent that the cross-platform differences and tribalism are being rapidly eroded. Gabe Mahoney, VP of engineering at CCP: "While the Mac used to be more of a specialty OS for graphics designers, musicians and other creatives, it's now gaining a lot of traction with business and general home users. This means more people are using Macs as their general purpose computer. I think this trend will tend to create homogeneity between Mac and PC gamers and wise developers will embrace both platforms equally." James Brown disagrees, succinctly: "Mac gamers are smarter, wittier and more attractive. That's a FACT."

shouldn't be shoehorned into the platform's general look and feel. Imagine writing a puzzle game that conforms to the Mac OS human interface guidelines; it would just show you the completed puzzle."

Industry veteran Dallas Snell, who worked on *Ultima 1* to *8* and now works on social games and MMOs for Portalarium, says that the hardware isn't the problem: "The real magic is keeping everyone's social graph interconnected with our back-end infrastructure that spans multiple clients, multiple devices, multiple operating systems, multiple browsers and multiple social networks." Transgaming's States points out: "One nice advantage to developing for the Mac is that there are few system configurations that must be supported compared to PCs. Most Mac gamers are quick to adopt the latest OS updates, especially compared to what happens with PCs. On the flipside, because the Mac OS is so tightly integrated with hardware, Mac users only get new updates to video drivers as part of the OS."

Are these porting houses still necessary then? "If you're a Windows developer making Windows games, then a porting house will save you an awful lot of work." says Brown. "But you're paying someone else to do what is really your business, and for your next game you have to get them in again to do pretty much exactly the same work."

States, CTO of the biggest rival to porting houses, the conversion technology Cider, is even more scathing: "The kind of porting house that was typical of the Mac gaming world is likely to have little place in its future. As the Mac becomes a bigger percentage of the overall PC market, more game developers and publishers are looking at getting into the platform directly, rather than trust IP and profit margins to third parties."

Transgaming's Cider engine makes porting a lot easier, dodging problems involving build systems, middleware adaptation and graphics paths, and helping with the difficult UI adaptation.

> "The additional cost of developing for the Mac is shrinking, especially with tools like Cider available"

One of the most annoying aspects of current releases is that the Mac seems to lag behind the PS3, PC and 360 – the *Chronicles of Riddick* took an extra year to come out on Mac. So are simultaneous releases possible in the future? "Definitely!" says States. "The easiest way to handle multi-platform development is to make sure you're building on each platform right from the start." And Brown is ahead of the game: "One of the reasons I'm constantly switching back and forth between the Mac and PC is that I catch any non-portable code immediately, while it's still fresh in my mind and it hasn't burrowed its way to the heart of the code base. When the game is finished on the Mac, it's finished on the PC." Even Valve has committed to releasing *Portal 2* simultaneously on all platforms.

There's a caveat here though – while we've been talking about this being a new age for Macs, it's a more of an age for low-powered gaming. The real platform of the moment isn't the iPhone, or the Wii or even the Mac. The most played game today, with 28.8 million players every day, three times that of *World of Warcraft*, is… *Farmville*. And Facebook is the platform.

Love it or hate it

Yes, 'social gaming' is the phenomenon of the moment and hugely profitable – MobWars is estimated to earn $1,000,000 a month from micropayments alone. Developers are cutting their teeth in indie games and then racing from the saturated iPhone market and the heavily restricted console markets over to Facebook. A good, well-integrated game can set a lone developer up for life. Even the big developers, like iD and Firaxis, are porting their games to a free-to-play model. *Quake Live* is out, the next *Civilization* game will be Facebook only, and a free-to-play massively multiplayer version of *Tiger Woods* is available already (http://tigerwoodsonline.ea.com). These are the games that are really eroding the difference between Mac and PC, and as these and game-streaming services like OnLive grow, players will no longer have to invest in expensive hardware on any system.

So what does the future hold for Mac gaming? As we've seen, the additional cost for developers to develop for the Mac is shrinking, especially with tools like Cider available. So it's likely we'll see the Mac taking its place alongside the other platforms, receiving simultaneous releases. Still, the real gaming, on any platform, is going to be online and free. ●

Q&A

>> MEET YOUR Q&A EXPERT

Whatever your Mac-related problem, from misbehaving MacBooks to a wireless networks, Luis Villazon can help.

● HINTS & TIPS ● TROUBLESHOOTING ● EXPERT ADVICE ● ESSENTIAL INFO

>> ASK LUIS A QUESTION

Got a problem with your Mac? Then why not send your queries to Luis at **macformat.helpline@futurenet.com** and see if he can help.

"Where has all my disk space disappeared to?"

Q I am new to Macs but experienced with Windows. My granddaughter has a MacBook (OS X 10.6.2) and we have a problem with file sizes. This was highlighted when the *Time Machine* backup failed because there was not enough space on an external USB 60GB disk. There was only one user with their home folder size showing as 110.56GB. But the total size of the folders under this user add up to 34GB. Can this problem be solved without resetting the system from scratch and losing the data?

My solution was to copy the subfolders, delete the home folder with all its subfolders, then set up a new home folder and copy back the subfolders. However, the system would not let me delete the home folder.

Roy Naylor

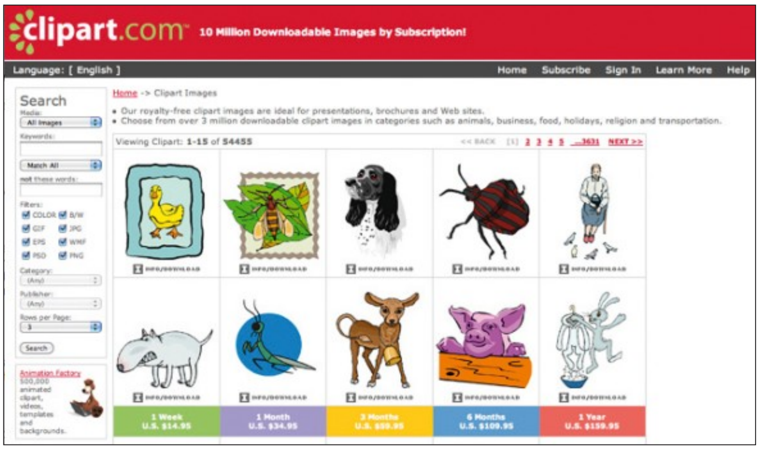
Unless you have a big enough disk, you're not making the most of Time Machine backups.

A Just adding up the sizes of all the files in a folder doesn't give you a true picture of the amount of space the folder occupies on a disk, because of a phenomenon known as slack space. Your hard disk is divided up into chunks called blocks; you can think of these like the pages in a book. The contents page only locates items in the book by referring to the page number. So chapters always start on a new page, while the space at the end of the previous chapter, which isn't an exact multiple of the page size, is wasted. In our analogy, the chapters are files and the blank space at the end of the chapter is the slack space.

Copying files back and forth within the disk, or from one disk to another, won't change this. Slack space is just an inevitable part of the way that hard disks are organised. You can reduce it using disk addressing schemes that use smaller blocks but this increases the size of the directory entry table (the contents page), which slows down disk access. Disk space is so cheap that this is virtually never an acceptable trade-off and it isn't something you should worry about.

Even ignoring slack space, your 60GB external disk is too small to provide an effective *Time Machine* backup. You want *Time Machine* to back up your entire disk, not just the home folder, and you don't just want a single snapshot; you want a timeline of the state of all your files and folders that stretches back as far as possible. With a single snapshot backup, you run the risk of deleting a file or it gets corrupted but you don't notice until the change has been faithfully mirrored in the next backup. The beauty of *Time Machine* is that you can roll back the state of a file or folder to an arbitrary point in the past, when you knew your system was working properly. To do that you need a *Time Machine* volume that is two or two-and-a-half times bigger than the internal disk on your Mac.

Use a Time Capsule for an effective Time Machine backup.



- Our royalty-free clipart images are ideal for presentations, brochures and Web sites.
- Choose from over 3 million downloadable clipart images in categories such as animals, business, food, holidays, religion and transportation.

Most clip-art libraries let you search by file type so you can import to your favourite apps.

"What is the best antivirus solution for me?"

Q I know that a virus for a Mac is as rare as sightings of the Loch Ness Monster and I wasn't worried much about it. What I'm worried about are spyware and trojans that might be lurking behind my computer, watching my every move. I downloaded *iAntivirus* from PC Tools and yet I am still doubtful of its effectiveness compared to other existing antivirus software such as from Intego and Norton.

Gian Jorville, Paris

A The problem with testing elephant repellent is: how do you know when it's working? Even on a Windows PC, sensible working practices will do more to reduce your risk of infection than antivirus software. On a Mac, where malicious programs exist mainly as a theoretical bogeyman, you're just talking about different shades of zero. "You can never be too careful" sounds like good advice, but do you go to work in a suit of armour, in case of bear attacks? You don't, because the chances of a wild animal biting you are so remote that they're completely outweighed by the expense and inconvenience of plate mail.

Most email services already virus-check all attachments passing through their servers (Gmail's for example, is highly regarded) and the tiny handful of OS X trojans are only something you will ever come across if you're in the habit of regularly downloading cracked software from dodgy sites. And then granting the installer root access.

For the extra-cautious there are plenty of ways to protect your Mac from nasties, if you need to.

"How can I get my Mac to read Windows clip art?"

Q Is there any way I can get *Adobe Elements* to read WMF files on my iMac without having to resort to installing Windows on my computer? I have a CD full of clip-art (left over from my Windows days) that I would like to use when making CD/DVD labels. Does anyone sell clip-art for Mac?

Brian Woolf

A You don't need Windows just to convert Windows Meta Files. iWinsoft.com makes a $20 shareware utility that does a good job, for example, but there are freeware ones too. You can save the clip-art as JPEG, PNG, TIFF or PSD, as well as lots of other file formats. Clip-art libraries aren't really OS-specific anymore; it's just a question of which format is convenient for you. Online services such as clipart.com let you search for formats but if you already have a format-converting utility, even this is much less of a concern.

Even Macs forget things

Bill Gallop

Most of the time, when you make a change to a setting on your Mac, it will be stored in a file on disk from where it can be accessed any time your Mac needs it. Some settings on your Mac are stored in memory rather than being written to disk, and to stop them getting lost when your Mac is switched off, or when your portable's battery runs down, this small chunk of memory has its own dedicated battery. This is the case for all modern Macs.

Under Mac OS X a lot less information is stored in PRAM than was the case with Mac OS 9. Although certain models vary, the core things that are contained in PRAM are the display settings, speaker volume, date and time, time zone and which volume the Mac is set to boot from. If you're experiencing odd behaviour with any of these then it may either be a sign that the PRAM battery needs to be replaced or, more likely, that you need to reset the PRAM itself. Another sign of issues with PRAM is if you suffer any of the following when trying to start your Mac: you hear a startup chime but nothing appears on the screen, or you get a black screen and the Mac's fans are running at full tilt. In order to reset the PRAM on your Mac, also known as zapping it, you first need to shut your Mac down. For PowerPC-based Macs it's fine to simply reboot the Mac, but with an Intel-based one you have to power it off. Then power it on and hold down ⌘+⇧+P+R before the grey screen appears. Keep the keys held down and the Mac will reboot itself. It's sometimes necessary to hold the keys down so your Mac reboots more than once, but according to Apple, once should do it. Once you've let go of the keys your Mac should reboot from its default startup device, which is usually the internal hard drive.

> *"If you're experiencing odd behaviour with system settings it may be a sign that the PRAM battery has died"*

Once you've reset your PRAM, go back and reset the settings mentioned earlier. If these don't stay set then you may need a new PRAM battery. For most desktops it's easy to change the battery, and a replacement such as a Maxell ER3STC, used in older Macs, or a CR2032 as used in Mac Pros, should cost a few pounds online. Have a look at **www.ifixit.com** – this site lists all sorts of replacement Mac parts, and while it might be US based, the overseas postal charge for a battery should be negligible.

Bill is Mac Solutions Consultant for Equanet (www.equanet.co.uk). Each month he will share his knowledge with you, from upgrading your operating system to the advantages of RAW files.

>> QUICK TIP

ctrl-click on the title of a *Finder* window and you'll see a drop-down list of the surrounding folders, allowing you to jump to any point higher up the folder hierarchy.

"I absolutely demand Snow Leopard drivers!"

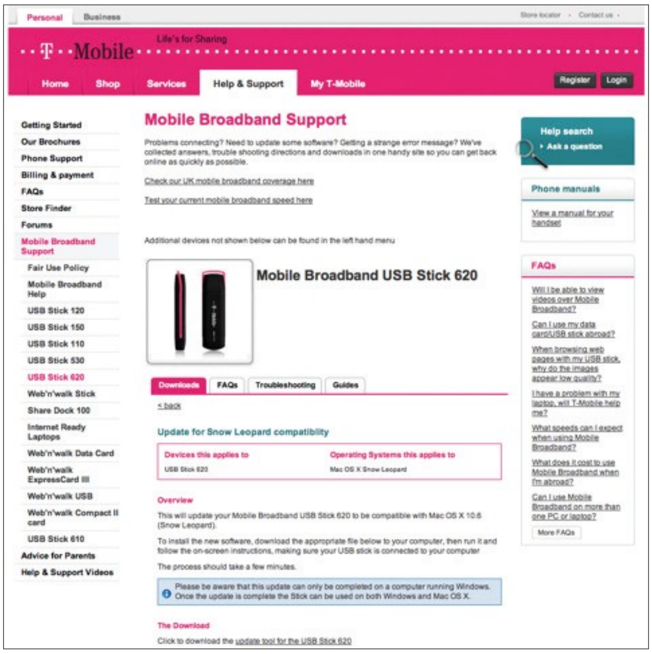
Q I bought a T-Mobile USB stick 620 last year. It worked fine with my PCs and iMac. However, when moving to Snow Leopard it crashed the iMac and new MacBook Pro. The info at the time said it was Mac compatible, and I bought it just after Snow Leopard had been released. T-Mobile refuses to replace the modem despite it being known that the software for the stick is poor and likely to destabilise the Mac, and recommends using the previous operating system (not easy when you have bought a MacBook Pro with Snow Leopard on it).

Other USB stick mobile vendors (Orange and Vodafone) have released software to overcome this problem, but T-Mobile has not done so, despite being aware of the problem. Is this a breach of the Sale of Goods Act?

Steven M. Picksley

A My guess is probably not. Manufacturers aren't required to support their products for subsequent operating system versions and there are often business decisions that favour them steering you towards upgrading to a newer device, rather than providing new drivers for the old one. One thing you can do to change this when you are buying a computer peripheral or upgrade component though, is to state in writing what your existing system is and that you are buying the whatever-it-is on the basis that it is compatible with your system. In legal terms, I believe that this makes compatibility "a condition of sale". If you had done this with regard to Snow Leopard when you bought your USB modem, you would be entitled to a refund.

Sensible though this sort of foresight is, sometimes all you need is to be patient. Manufacturers do usually eventually get around to releasing drivers for new operating systems. And when I had a look on the T-Mobile support pages at http://preview.tinyurl.com/ydu7avr, it looked as if it has Snow Leopard support for the 620 now.


Personal
Business
Store locator
Contact us
T-Mobile
Life's for Sharing
Home
Shop
Services
Help & Support
My T-Mobile
Register
Login
Getting Started
Our Brochures
Phone Support
Billing & payment
FAQs
Store Finder
Forums
Mobile Broadband Support
Fair Use Policy
Mobile Broadband Help
USB Stick 120
USB Stick 150
USB Stick 110
USB Stick 530
USB Stick 620
Web'n'walk Stick
Share Dock 100
Internet Ready Laptops
Web'n'walk Data Card
Web'n'walk ExpressCard III
Web'n'walk USB
Web'n'walk Compact II card
USB Stick 610
Advice for Parents
Help & Support Videos
Help search
Ask a question
Phone manuals
View a manual for your handset
FAQs
Will I be able to view videos over Mobile Broadband?
Can I use my data card/USB stick abroad?
When browsing web pages with my USB stick, why do the images appear low quality?
I have a problem with my laptop, will T-Mobile help me?
What speeds can I expect when using Mobile Broadband?
What does it cost to use Mobile Broadband when I'm abroad?
Can I use Mobile Broadband on more than one PC or laptop?
More FAQs
Downloads
FAQs
Troubleshooting
Guides
< back

Mobile Broadband Support

Problems connecting? Need to update some software? Getting a strange error message? We've collected answers, trouble shooting directions and downloads in one handy site so you can get back online as quickly as possible.

Check our UK mobile broadband coverage here

Test your current mobile broadband speed here

Additional devices not shown below can be found in the left hand menu

Mobile Broadband USB Stick 620

Update for Snow Leopard compatibility

Devices this applies to	Operating Systems this applies to
USB Stick 620	Mac OS X Snow Leopard

Overview

This will update your Mobile Broadband USB Stick 620 to be compatible with Mac OS X 10.6 (Snow Leopard).

To install the new software, download the appropriate file below to your computer, then run it and follow the on-screen instructions, making sure your USB stick is connected to your computer

The process should take a few minutes.

Please be aware that this update can only be completed on a computer running Windows. Once the update is complete the Stick can be used on both Windows and Mac OS X.

The Download

Click to download the update tool for the USB Stick 620

There's no guarantee of future driver support, but most large manufacturers will offer free updates eventually.

"Why are there thumbnail images missing online?"

Q I have been experiencing internet problems with my iMac (original 24-inch white model) and MacBook. When I try to view Google search results by image, the images do not load (see screengrab). At first I thought this was a problem with my iMac but I get the same problem with my MacBook (13-inch white model). I can, however, see images when I view results by image on my wife's PC laptop and my iPhone…

I've tried every browser going. I also have problems viewing certain sites such as www.stocklayouts.com. The homepage loads fine but after that no images load – or worse still, nothing appears in the browser window.

I decided to get a local IT professional round to look at this. After four hours, he was unable to install a wireless router that worked with both my iMac, MacBook, iPhone and my wife's laptop, so I'm now back to square

>> MACFIXIT TIPS / File selection behaviours in OS X

Those who are new to the Mac may become confused when applying file selection techniques in OS X. For the most part, icon selection in OS X is simple, but sometimes selection behaviours change, notably between icon and the various list views…

Global behaviors

The basics for selecting files are consistent for all views, which are to click and drag over files to select them in groups, or click each item individually. You can use the shortcut ⌘+A to select all files in the foremost window. To deselect the items, click anywhere in the background.

Reverse the selection status by holding ⌘ and clicking the items, or dragging a selection box around them. This is handy for appending or removing groups of items from an existing selection.

Icon view specifics

In addition to using ⌘ for appending and removing files to groups, you can also use ⇧ when in **Icon** view. These two keys behave identically in this view.

List view specifics

All other views in OS X (**List**, **Column** and **Cover Flow**) are treated as **List** views and have the same selection behaviours. Unlike **Icon** view, when you use ⇧ to select two items in a list, all items between the first selected item and the second selected item will be included in the selection. The first selected item is remembered, so if you change your second selection to another item, the system will alter the full selection to be just the items between the two selected files.

Differences with Windows

In **Icon** view you cannot select an item and hold ⇧ while selecting another item to include all items between them. OS X supports this in the various list and column views, but in **Icon** mode it does not work. If you are migrating from Windows, when selecting items in the *Finder* treat ⌘ like the Windows **Ctrl** key.

MacFixIt
Troubleshooting Solutions for the Macintosh
Tips supplied by MacFixit.com

MACFIXIT TIPS / Managing missing windows after using multiple displays

Some people have problems with their Macs when using multiple monitors, where windows that were put on secondary displays seem to disappear when the display is disconnected.

Apps should reset their window placement when they are relaunched or when a display configuration is changed, but this may not always happen. There are several things you can do to reposition missing windows.

One MacFixIt reader, Kate, wrote in to describe her approach for fixing this issue:

"After updating to 10.6.3, I found that all movies I opened in *iTunes* were opening on a second display I was no longer connected to. I could view the film by choosing **Full Screen** view (⌘+F), but there was no moving the window back from the phantom display to the primary display… I plugged in the second display, opened a movie on *iTunes*, and sure enough it popped up on the second display. I then dragged the movie window back to the primary display BEFORE unplugging the second display. Ta-da! All my films now open right where they should."

Many times apps will store window positioning information in preference files or in saved documents, so repositioning the windows manually before changing the display setup is one approach; however, you shouldn't have to do this every time you want to change configurations.

Another way to fix this problem is to open the affected app and then go to **Displays** in *System Preferences* and click the **Detect Displays** button (this can also be found in the **Displays** system menu for convenience if it is enabled). Clicking this button should trigger the computer to use only the connected displays and consolidate all open windows onto the newly detected desktop area. If the button does not seem to have an effect, temporarily change the display resolution and revert it back, which should have the same effect.

If the system still detects an external display even if one is not attached, be sure all displays are unplugged when detecting or changing, and restart the computer (or reset the PRAM, SMC, and boot into **Safe Mode**) with the displays unplugged to see if that clears the issue.

When both Spaces and *Exposé* are enabled, you can grab windows from any desktop and drag them to the desired one.

Keep in mind that windows may still appear to be out of sight after being rearranged this way since the system may wedge them in a corner or against the edge of the screen with only a few pixels of the window showing. Additionally, the Dock may be covering a window if it was placed under it during the automatic rearrangement, so try hiding the Dock to expose an area of the window for movement. Good luck!

MacFixIt
Troubleshooting Solutions for the Macintosh
Tips supplied by MacFixit.com

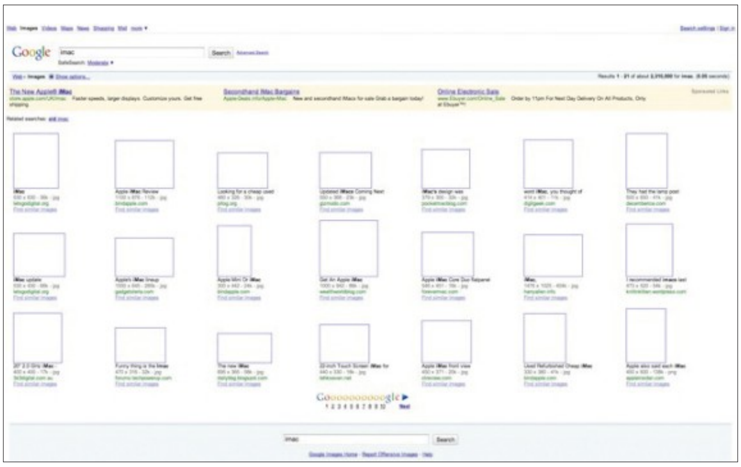
one. I've called BT and it says that there isn't a problem with the line coming into the house and Pipex (my ISP) said the same. I didn't think that it was a line issue, since my wife's laptop worked fine, but the so-called IT professional said to give this a try.

Les Johnson, Perth, Scotland

A What you're experiencing is a subtle conflict between Snow Leopard's desire to streamline your browsing and your router's desire to protect you from hackers. Here's how it works: when you run a Google image search, or browse a page with lots of thumbnail images, *Safari* doesn't load each image in turn before requesting the next. Instead it issues lots of image requests simultaneously and plonks them on the screen as they arrive. In Leopard, *Safari* would issue up to eight image requests at a time, but in Snow Leopard this was increased to 16. It's a legitimate optimisation tactic, that responds to the higher internet bandwidth we all have now. The problem is that some routers have firewalls that interpret this behaviour as a possible 'denial of service' (DoS) attack. And that's not an unreasonable assumption either – some Trojans will hijack lots of computers spread across the internet and co-opt each of them into making multiple requests to the same server. It's unlikely anyone would ever be able to overwhelm Google.com this way, but it could bring down a lesser site.

Some routers have the threshold for the maximum allowable simultaneous connections set as low as 10 and on these networks, Leopard fell on one side of the line and Snow Leopard on the other.

The ideal solution is to increase this threshold to 17 or more. If your router allows this parameter to be changed, it might be listed as "DoS Detect Criteria" in the firewall section and the number you'll need to change will be called something like "Maximum incomplete TCP/UDP sessions number from same host". Not all routers allow this control so you might have to turn DoS detection off completely, or even the whole firewall. While that might work short-term, you should replace your router in this case. I've seen a few people who still have the default router/modem from their ISP plugged into a Time Capsule. In this situation, you can turn the routing function off in the modem and enable the routing function of the Time Capsule.

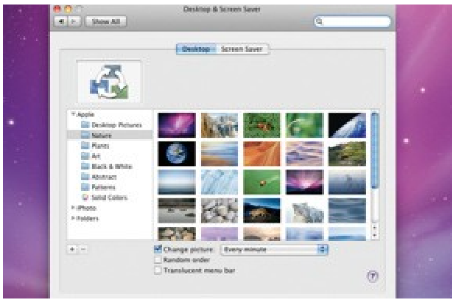


Missing thumbnails in web pages may be caused by a trigger-happy firewall in your router.

QUICK TIP

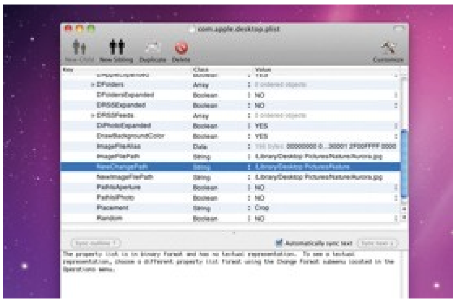
When you are saving files using the **Save As…** dialog, you can always select the Desktop as your save location, by just hitting ⌘+D. ⌘+⇧+H will select your home folder.

HOW TO / What's my desktop wallpaper?



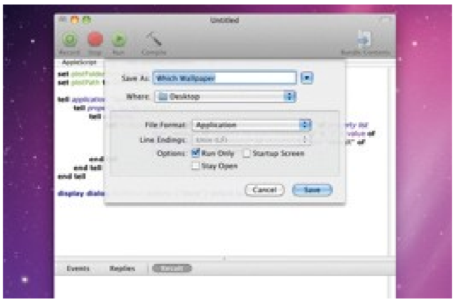
01 Random

James Tree writes to say that his wallpaper is set to change every few minutes and sometimes a photo pops up that he has forgotten about. He wants to be able to locate the original image file but OS X doesn't seem to show the path anywhere.



02 Cumbersome

The path is stored in a preference file at **~/Library/Preferences/com.apple.desktop.plist**. You can use a property list editor to look at the **NewChangePath** and **LastName** values in Background > default but this is hardly convenient.



03 Job done!

Blogger Josh Madison cooked up a script to automate this (**http://joshmadison.com/notebook/getting-the-current-desktop-background-in-os-x**). Paste it into Applications > Utilities > AppleScript Editor and save as an app.

QUICK TIP

If you are closing lots of apps at once, hold ⌘ down and repeatedly hit ⇥. When the icon for the app you want to close appears, keep ⌘ pressed and just hit Q.

"How can I sort my spam emails by colour again?"

Q **I have *SpamSieve* installed with *Apple Mail*. This has worked absolutely flawlessly for several years until Snow Leopard.**

I have a separate spam folder where *SpamSieve* collects up everything that it considers to be spam, and then it colours it accordingly. I have always been able to set the view for this folder on Sort by Color. In past incarnations of *Mail* and OS X this has always been remembered.

Now however, as soon as I move to view another mailbox (the Inbox, for instance) the setting is lost; when I return to the Spam box, I have to select the View option again - it will not stick. It's most frustrating!

David Wilson

A This does indeed appear to be the case. After some experimenting, I have discovered that *Mail* will only remember the sort order for columns that you have set to display in the View menu. This makes a certain sort of sense; sorting on an invisible column would look very odd and make it hard to change between ascending and descending sort order. Unfortunately, colour isn't a column; it's a display property of the whole row. That's why (in the current version of *Mail* at least) the sort preference doesn't get saved. It seems likely this is an oversight, and it might get fixed again in subsequent versions. But it's a pretty subtle bug so it's unlikely to be on anyone's high-priority list.

MACFIXIT TIPS / iPhoto movies not showing in iMovie Event Browser

You may encounter a problem where *iMovie* will not display movies in the *iMovie* **Event Library** browser if they were imported with *iPhoto*. While movies created in other applications or that you otherwise have on disk may work, those that you have stored and managed in *iPhoto* will not show even when you click the **iPhoto Videos** section in the **iMovie Event Library**.

One of the convenient features of *iLife* applications such as *iMovie* is being able to easily grab relevant multimedia files that you have imported into other *iLife* applications. Unfortunately, sometimes app-specific settings may interfere with this process, and this seems to be the case with this problem.

To fix this, turn off music for existing slideshows in your system. A number of people (such as those in this Apple discussion thread) have found doing so enables *iPhoto* videos again in the *iMovie* **Event Library**.

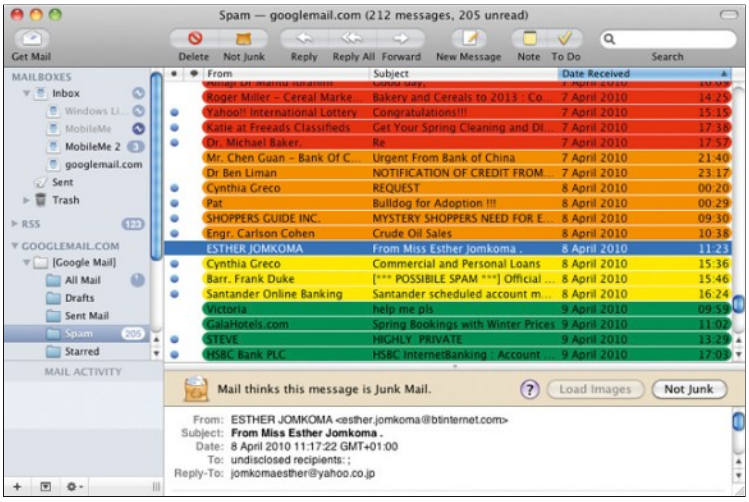
Optionally, you might try accessing the movie file directly instead of using the **Event Library**. To do this, open *iPhoto* and locate the desired movie. Then right-click it and choose the option to **Show File**, which should highlight the file in the *Finder*. Then go to *iMovie* and right-click in the **Event Library** area, and choose the **Import Movies...** option.

An **Open** dialogue box will present itself, and you can drag the previously located movie file to the **Open** window. You should see it appear in the window as a selected item. Click **Import** and it will be copied to the current *iMovie* project as a new event (or appended to an existing event). While this will work, keep in mind that it will not be using the movie that is stored in the *iPhoto* library, but will be using the copy that was made.

Tips supplied by MacFixit.com

MacFixIt, founded in 1996 by Ted Landau, has grown into the premiere destination for users seeking resolutions to bugs and conflicts. Visit **www.macfixit.com** for the latest Mac information.

MacFixIt
Troubleshooting Solutions for the Macintosh



Spam — googlemail.com (212 messages, 205 unread)

From	Subject	Date Received	
Roger Miller – Cereal Marke...	Bakery and Cereals to 2013 : Co...	7 April 2010	14:25
Yahoo!! International Lottery	Congratulations!!!	7 April 2010	15:15
Katie at Freeads Classifieds	Get Your Spring Cleaning and Di...	7 April 2010	17:38
Dr. Michael Baker.	Re	7 April 2010	17:57
Mr. Chen Guan – Bank Of C...	Urgent From Bank of China	7 April 2010	21:40
Dr Ben Liman	NOTIFICATION OF CREDIT FROM...	7 April 2010	23:17
Cynthia Greco	REQUEST	8 April 2010	00:20
Pat	Bulldog for Adoption !!!	8 April 2010	00:29
SHOPPERS GUIDE INC.	MYSTERY SHOPPERS NEED FOR E...	8 April 2010	09:30
Engr. Carlson Cohen	Crude Oil Sales	8 April 2010	10:38
ESTHER JOMKOMA	From Miss Esther Jomkoma .	8 April 2010	11:23
Cynthia Greco	Commercial and Personal Loans	8 April 2010	15:36
Barr. Frank Duke	[*** POSSIBILE SPAM ***] Official ...	8 April 2010	15:46
Santander Online Banking	Santander scheduled account m...	8 April 2010	16:24
Victoria	help me pls	9 April 2010	09:59
GalaHotels.com	Spring Bookings with Winter Prices	9 April 2010	11:02
STEVE	HIGHLY PRIVATE	9 April 2010	13:29
HSBC Bank PLC	HSBC InternetBanking : Account ...	9 April 2010	17:03

Mail thinks this message is Junk Mail.

From: ESTHER JOMKOMA <esther.jomkoma@btinternet.com>
Subject: **From Miss Esther Jomkoma .**
Date: 8 April 2010 11:17:22 GMT+01:00
To: undisclosed recipients: ;
Reply-To: jomkomaesther@yahoo.co.jp

Sort email by colour but the preference won't be saved if you go to another mailbox.

For any emails for which you manually set the colour, you can also move them to separate static mailboxes called Red, Blue and so on. Then you can use a smart mailbox to group them all up again but this time sort on the mailbox field. Since each of the source mailboxes only contains emails of a single colour, this is effectively the same as sorting by colour and the preference will be remembered because the mailbox column is visible. This won't work for *Spamsieve* though because the colours are applied automatically and there's no way to match a mail rule or smart mailbox based on the colour of the message.

"Where has my missing bracket key gone?"

Q I have lost my bracket! That is to say, 9 with ⇧ or 'left parenthesis' on my iMac running OS X version 10.5.8 is a blank in any application and I have checked it with two new Apple keyboards.

If I log in to a different account the missing key mysteriously re-appears. Can I access a utility that enables me to re-programme keys – or at least gives me my bracket back? I do not want to have to shift all my mail, photography, and so on to another account.

Ian Scott

A Since the problem only occurs for one user account, it must just be a local preference file that has become corrupt. Make sure the *Finder* is set to show hidden files ('defaults write com.apple.Finder AppleShowAllFiles YES' in *Terminal* and then relaunch the *Finder*) and try copying the \Library\Preferences\ByHost folder from one of the other user accounts into yours. Obviously, be sure to create a copy of yours first, in case you end up creating even more problems though.

"What do I ideally need to edit my home movies?"

Q I am upgrading my Mac mini and am going to go for a new 21.5-inch iMac. I will be using the iMac for home video-editing (nothing too professional!) just using *iMovie '09*. Will the basic 21.5-inch model with 500GB HD and GeForce 9400M graphics card do for my purposes or do I need to consider going for the next model that comes with 1TB HD and the upgraded Radeon HD4670 graphics card?

Neil Pickthall

A Yes, that will be fine. The graphics card upgrade is mainly there for high-end gaming. Video editing will use the graphics card for processing clip transitions and so on, but most of what distinguishes the Radeon from the GeForce card is better 3D polygon rendering performance, which isn't going to speed up *iMovie*. As for disk space, it's easy enough to add an external disk to hold your home video overspill later on, if it comes to that. ●

On the forum

Help and advice from readers

Q I'm having issues with fonts in *Mail*. I have been using *Entourage* but would like to migrate over to *Mail* as it now provides *Exchange* support. I use my Macs working remotely, plugging into my company's Exchange server. I have set up my font in preferences, 11 pts in Trebuchet and set up signature to be same size. All looks fine when I type and send.

However, when I receive a reply, the fonts increase in size. My concern is if this is how my client receives my emails; either the original or the subsequent replies. It looks so awful and unprofessional that I've gone back to *Entourage*. I have tried using a *Terminal* script to set *Mail's* font size but this has not made any difference.

macadoodledo Joined: 22 Sep 2009 Posts: 2

A What format are you sending the emails out in from *Mail* – Plain Text or Rich Text (which is HTML)? If you send out as Plain Text, then no formatting will be sent with the email and the recipient's email software's preferences will be used. I always go for Plain Text in emails, Rich Text can cause all kinds of problems – especially if the recipient is on Windows' *Outlook*.

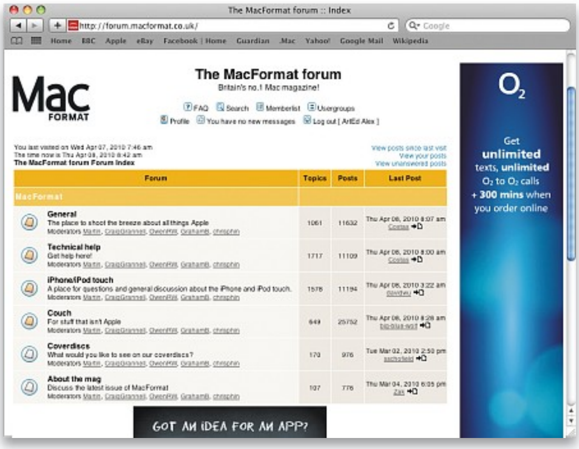
MacOS10 Joined: 20 Oct 2005 Posts: 2129 Location: Manchester, UK

Q My Mac at work, or rather *Safari*, does not like logging into sites – it always goes to the 'cannot open' error page. This seemed to begin when our IT dept introduced a more strict proxy server to our network, but *Firefox* can usually handle the same sites with no problem – so I end up using that for those sites. Is there a preference or a fix I can use to help with this? I'm running 4.0.5 on 10.4.11.

Ben zerodeluxe Joined: 11 Aug 2008 Posts: 118

A The first thing to do with a browser that isn't behaving nicely is to reset it: Safari > Reset Safari… And then delete its preference file: Home Folder > Library > Preferences > com.apple.Safari.plist. Finally, you should reboot.

Ramaprem Joined: 28 Dec 2004 Posts: 1393 Location: Freiburg, Germany



The MacFormat forum
Britain's no.1 Mac magazine!

You last visited on Wed Apr 07, 2010 7:46 am
The time now is Thu Apr 08, 2010 8:42 am
The MacFormat forum Forum Index

Forum	Topics	Posts	Last Post
MacFormat			
General The place to shoot the breeze about all things Apple	1061	11632	Thu Apr 08, 2010 8:07 am
Technical help Get help here!	1717	11109	Thu Apr 08, 2010 8:00 am
iPhone/iPod touch A place for questions and general discussion about the iPhone and iPod touch.	1576	11194	Thu Apr 08, 2010 3:22 am
Couch For stuff that isn't Apple	649	25752	Thu Apr 08, 2010 8:28 am
Coverdiscs What would you like to see on our coverdiscs?	170	976	Tue Mar 02, 2010 2:50 pm
About the mag Discuss the latest issue of MacFormat	107	776	Thu Mar 04, 2010 6:05 pm

Join our forum and join in the fun at **http://forum .macformat.co.uk**

The S.S Perception
2009 3rd Prize Winner
William Foley, Canada

Digital Camera Photographer of the Year 2010

www.facebook.com/photoradar
www.twitter.com/photoradar

Share your vision

Enter the world's leading photography competition

www.poty2010.com

Open to all levels of ability | Win up to £10,000 | New portfolio category | Global exposure

Partners:

Telegraph.co.uk

VisitBritain

The Royal Photographic Society

PhotoRadar.com
The home of digital photography

"If you've had your eye on a 15-inch MacBook Pro for a while now, this is the update you've been waiting for"

APPLE 15-INCH MACBOOK PRO 2.66 GHZ CORE i7 P86

In this issue…

HARDWARE

Apple MacBook Pro 15-inch 86
Apple MacBook Pro 13-inch 86
Arcam irDock 88
Klipsch iGroove SXT 88
Olympus PEN E-PL1 89
WD My Book Studio 2TB 90
Griffin PowerBlock Reserve 90
Wacom Intuos4 Wireless 91
Audio Chi W Series 92
Scosche tapSTICK 92
PhoneSuit Primo 92
MoGo Talk 92

SOFTWARE

Thoughts 1.0.2 94
Postbox 1.1.4 94
Crossover Mac 9.0 95
Witch 3 96
Ecoute 1.3.6 96
QuickTubePlayer 96
MacTubes 2.6.1 96

GAMES

The Settlers 7 98
Fallen Earth 98
Brothers in Arms: Double Time 99

iPAD APPS

iWork: Keynote 100
iWork: Pages 101
iWork: Numbers 102

iPHONE APPS

Opera Mini 103
TuneIn Radio 103
Gibson Learn Guitar 104
Talking Carl 104
On this Day 104
Sky News 104

iPHONE GAMES

Sims 3: World Adventures 106
Commodore 64 107
Spirit 107
Fishing Kings 107
Touch Racing Nitro 107

GROUP TEST

Budget DTP applications 108

techradar.com
For the largest online database of hardware and software reviews be sure to check out **www.techradar.com/reviews**

Reviews

● HARDWARE ● SOFTWARE ● iPHONE APPS ● SHAREWARE ● GAMES

Ian Osborne
Reviews Editor

As predicted, the new mid-2010 MacBook Pros have moved to Intel Core i5 and Core i7 processors. But why does the 13-inch MacBook Pro, which was updated at the same time, stick with the older Intel Core 2 Duo processor?

While Apple itself never comments on matters such as this, it's been reported that it was down to a licensing dispute that prevented NVIDIA graphics chipsets being integrated into Intel's new Core-i series processors. There isn't enough room on the 13-inch MacBook Pro's logic board for a discrete graphics processor, so if Apple was to use a Core i3 or even a Core i5, it would have had to stick with its built-in Intel HD Graphics. Since this isn't as powerful as the NVIDIA GeForce 9400M used in the previous generation, the resultant performance drop would have been unacceptable.

It's great to see the Core-i chips appear in Apple's notebook range, and we look forward to the Core i5 and Core i7 Mac Pros that must surely be on the way, but we'll have to wait a while before the Core 2 Duo is ousted completely.

» OUR LOGOS

Mac FORMAT Choice ★★★★★	A product that receives the MacFormat Choice award is the best in its class when reviewed.
Mac FORMAT Winner!	Used in our Group Tests, MacFormat Winner indicates the product that we feel stands out.
Mac FORMAT On the disc	This logo indicates there are either test versions or files associated with the review on the disc.

RATINGS EXPLAINED: ★★★★★ Excellent ★★★★☆ Very good ★★★☆☆ Good ★★☆☆☆ Adequate ★☆☆☆☆ Poor

>>NOTEBOOK COMPUTERS

New Apple MacBook Pro 13-inch & 15-inch (Core i7)

Mac FORMAT Choice ★★★★★

£1,249, £1,799 A great upgrade for the 15-inch MBP, but is the 13-inch model getting left behind?

CONTACTS

Manufacturer: Apple
www.apple.com/uk

SPECIFICATIONS

MacBook Pro 13-inch

Processor: 2.66GHz Intel Core 2 Duo **RAM:** 4GB 1066MHz DDR3 SDRAM **Hard disk:** 320GB, 5400rpm SATA **Ports:** As below

MacBook Pro 15-inch

Processor: 2.66GHz Intel Core i7 **RAM:** 4GB 1066MHz DDR3 SDRAM **Hard disk:** 500GB, 5400rpm SATA **Ports:** 1xFW800, 2xUSB, SD Card (For complete specifications of both notebooks, please turn to page 117)

PROS & CONS

MacBook Pro 13-inch

- ⊕ Amazing battery life
- ⊕ Increased graphics performance
- ⊕ Faster processors
- ⊖ Sticks with Core 2 Duo processor

MacBook Pro 15-inch

- ⊕ Powerful new CPU architecture
- ⊕ Improved discrete GPU
- ⊕ Turbo Boost & Hyper Threading
- ⊖ Can't opt for integrated graphics

VERDICT

MacBook Pro 13-inch

★★★½☆

"An underwhelming, but welcome upgrade. A great new graphics chipset, but it still uses last-gen Core 2 Duo processors."

MacBook Pro 15-inch

★★★★★

"The move to the new Core i-series processors gives this 15-inch MacBook Pro a significant performance increase."

Apple's latest MacBook Pro refresh brings us new models across the range. We got our hands on the new 13-inch 2.66GHz and 15-inch 2.66GHz Core i7 models and we're impressed. The 15-inch offers an exciting new graphics technology and a fundamental change of processor architecture. The 13-inch MacBook Pro's update is far more muted, but still very welcome.

The three new 15-inch MacBook Pros move to Intel's new Core-i series processors. The top-of-the-range version reviewed here boasts a 2.66GHz Core-i7 CPU, with 2.4GHz and 2.53GHz Intel Core i5 models also available. Beyond simple gigahertz ratings, the new chipsets have performance boosting features, making them much faster than the previous 15-inch line-up's 2.53, 2.66 and 2.8GHz Core 2 Duos. For example, the Core i5 and i7 chips feature Hyper Threading, which enables two threads to run simultaneously on each of the processors' cores. This means the dual-core chip used in this 15-inch MacBook Pro gives four virtual cores, enabling tasks to be spread more evenly. When using an application that doesn't need every core, the processor's Turbo Boost feature shuts off idle cores while simultaneously increasing the speed of the active ones. The 2.66GHz Core i7 runs at up to 3.06GHz for dual-core tasks and 3.33GHz when in single-core mode.

The new chips also include an integrated memory controller, connecting system memory directly to the processor and removing the separate I/O controller, boosting performance even further.

In contrast, the two new 13-inch MacBook Pros stick with Intel Core 2 Duo processors, offering speeds of 2.4GHz and 2.66GHz, up from 2.26GHz and 2.53GHz respectively. While any speed increase is welcome, using a Core 2 Duo as the rest of the MacBook Pro range moves to the Core-i chipset makes the 13-inch model look a little dated. This isn't entirely Apple's fault, as licensing issues with Intel prevent NVIDIA from offering its integrated graphics packages alongside Intel's new family of processors.

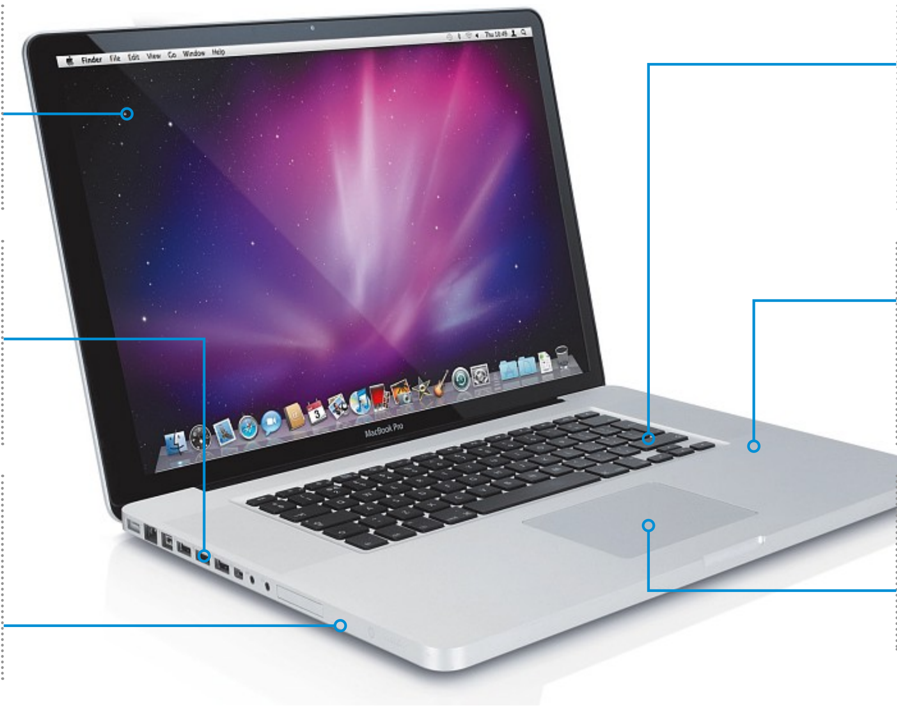
Graphics switching

The Core i5 and i7 processors feature built-in Intel HD Graphics, an energy-efficient integrated solution that's more than sufficient for day-to-day computing. For graphics-intensive tasks, there's the NVIDIA GeForce GT 330M, a powerful discrete GPU that's inevitably harder on the battery. In previous MacBook Pros, switching between integrated and discrete graphics had to be done manually, using *System Preferences*. Not so now. As soon as an application triggers an advanced graphics framework such as Core Graphics,

"The Core i5 and i7 processors feature built-in Intel HD Graphics: energy-efficient and more than sufficient for day-to-day computing"

The April 2010 update offers a great leap forward for the 15-inch MacBook Pro, and a significant step up for the 13-inch model.

HOW TO / Up close and personal with the new MacBook Pros



Screen options
Customise the 15-inch model with a higher resolution and an anti-glare screen. Neither can be had with the 13-inch.

Ports
The 15-inch MacBook Pro separates Audio In and Out into two ports; the 13-inch MBP combines them into one. Otherwise identical.

Better battery life
The 13-inch MacBook Pro now offers up to 10 hours of wireless charge, with the 15-inch model lasting eight to nine hours.

Illuminated keyboard
All MacBook Pros include an illuminated keyboard, which automatically lights up when visibility is poor.

Processing power
The 15-inch MacBook Pro has moved to Core i-series processors. The 13-inch model sticks with Core 2 Duos, however.

Trackpad
The glass trackpad returns but with the new inertial two-fingered scrolling for scrolling momentum.

OpenGL or Quartz Composer, Apple's new Automatic Graphics Switching technology kicks in. Graphics processing is automatically transferred to the discrete GPU, and the integrated graphics power down to save battery life. When the extra power is no longer needed, it switches back to integrated graphics. It's a brilliantly designed system that requires no user intervention at all, and unlike NVIDIA's similar Optimus technology, it doesn't rely on a list that tells the system which apps prefer discrete graphics.

You can switch off this feature in *System Preferences* and stick to the discrete GPU, though perhaps surprisingly, there's no option to sacrifice power for battery life and restrict all applications to integrated graphics. Maybe it will be included in a future system upgrade, but as the 15-inch MacBook Pro has a battery life of eight to nine hours in regular use, the need shouldn't often arise.

Going discrete

The 13-inch MacBook Pro uses an NVIDIA GeForce GT 320M as its sole graphics processor. It's more powerful yet more energy efficient than the previously used 9400M integrated graphics chipset. The 13-inch model's battery life is around 10 hours. If there's a notebook that lasts longer on a single charge, we've yet to see it.

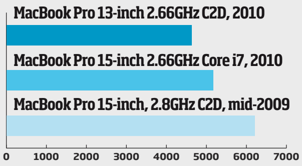
The new MacBook Pros are again built using Apple's unibody enclosure, carved from a single block of aluminium for durability and lightness.

> *"Powerful new processors and innovative graphics make the mid-2010 refresh the most significant update since the unibody"*

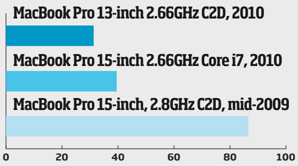
The screen's a gorgeous LED-backlit glossy affair with excellent viewing angles. Order a 15-inch model via Apple and you can select anti-glare and a higher resolution as optional extras, though these aren't available for the 13-inch. For connectivity, there's two USB ports, one FireWire 800 port and an SD card reader.

If you've had your eye on a 15-inch MacBook Pro for a while now, this is the update you've been waiting for. Powerful new processors and innovative graphics technologies make the mid-2010 refresh the most significant update since the switch to aluminium unibody enclosures in Autumn 2008. The 13-inch model's upgrade is less significant, but nonetheless welcome. **IO**

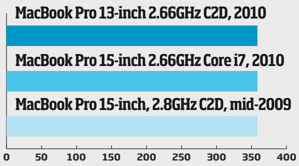
BENCHMARKS / How do the MacBook Pros stack up?



Cinebench (CBs)
Measuring CPU and GPU performance, *Cinebench* reports its results as a single figure. Multi-core performance quoted. Higher is better.



Doom 3 frame rates (FPS)
Tested using *Doom 3*'s 'timedemo 1' routine, set at 1,024x768 with settings at Ultra. Frames per second quoted. Higher is better.



iTunes encoding (seconds)
A timed test using the latest version of *iTunes 9*, ripping an audio CD at 128kb/sec AAC, auto sample rate, no VBR. Lower is better.

»iPOD DOCK

Arcam irDock

£150 Just how good does an iPod dock need to be to be worth £150? We find out...

CONTACTS

Manufacturer: Arcam
www.arcam.co.uk

SPECIFICATIONS

Outputs: 2x RCA photo audio, 1x Composite video, 1x S-Video
Inputs: 1x 6VDC, 1x RS232 control
Width: 100xh28xD72mm
Weight: 280g

PROS & CONS

⊕ Fully featured remote
⊕ Audiophile sound quality
⊖ Not 'Made for iPhone' certified
⊖ Really needs high-end speakers

VERDICT

★★★★☆

"Too high-end for most people, but perfect for audiophile types."

The original rDock – a way to add an iPod to your existing stereo system – came out last year. And while the sound quality matched the standards of a true audiophile, it lacked a few basic features, such as a remote control and the ability to output video. Both these areas have been addressed with the new irDock. The unit itself is a beautifully carved block of aluminium with a damped rubber base, but it's still not certified as 'Made for iPhone', so you need to activate Airplane mode if you want to avoid those ghastly chirrups, otherwise stick to using iPods only. The new infrared remote is impressive, boasting a few unexpected features like Shuffle and Repeat, and you can navigate the iPod's menu system with ease. There's also a special on/off button for charging.

The irDock has the kind of features an audiophile demands, like a built-in audio pre amp and buffered RCA phono audio outputs, but therein lies the problem. Using a pair of Klipsch RoomGroove speakers (a fairly typical and decent iPod speaker set) we were completely unable to perceive any difference in audio quality between plugging the iPod in directly and going through the Arcam irDock. But, as a trip over to our friends at *What HiFi magazine* revealed, if you do have a stereo costing thousands of pounds you'll find the sound is detailed and dynamic. Ultimately the irDock is only worth it if you've got the speakers to live up to its audiophile standards; for the rest of us it's likely a dock too far. **GB**

The irDock is a cut above your average iPod dock, but demands pro speakers.

»SPEAKER DOCK

Klipsch iGroove SXT

£130 Can this small, lightweight speaker dock stand out from the crowd?

CONTACTS

Manufacturer: Klipsch UK
www.klipsch.co.uk

SPECIFICATIONS

Drivers: 0.75-inch tweeter, 2.5-inch woofer **Output:** 100dB SPL
Weight: 1.45kg **Freq response:** 60Hz-20kHz **Inputs:** 3.5mm aux port **Dimensions:** 12x30x11.75cm

PROS & CONS

⊕ Great sound
⊕ Video output
⊖ Not fully iPhone-compatible
⊖ No battery option or tuner

VERDICT

★★★½☆

"A capable dock given its small size. Detailed sound and a good balance."

The iGroove SXT packs a mean punch for a small device. It's just 30cm long and light enough to sit comfortably on most shelves, but its audio quality is surprisingly detailed. It doesn't (and couldn't possibly) define the shape of the sound as comprehensively as a unit with discrete speakers, but it performs very well for a mid-priced compact dock.

Bass isn't very prominent in the mix, and with no equaliser, it won't get any stronger. Although far from poor, it won't satisfy those who like their audio bass-heavy. The overall balance between treble and bass is good, which makes for a wonderfully clean sound. The iGroove SXT is now bi-amplified, meaning each driver has its own amplifier, so you can crank up the volume surprisingly high before you get distortion.

Its feature set is fine, but not exactly exceptional. A 3.5mm aux port offers compatibility with most audio devices, and there's an S-Video output for watching movies on an external monitor, if you've a compatible iPod or iPhone. The remote is standard fare, with power, mute, volume control and track skip. There's no radio tuner, and despite its small size and weight, there's no battery option – a pity, as it would make a great portable device. A 1000mA fast-charging circuit can recharge a flat iPhone in around an hour and a half.

The Klipsch iGroove SXT combines a clean, detailed sound with a good balance between the bottom and mid-range. It's a great dock for all-round use but less so if you like a lot of bass in your music. **IO**

Mac FORMAT
This Week

The Klipsch iGroove SXT is a compact speaker dock that fits in anywhere.

The build quality doesn't fill you with confidence, but shooting results more than make up for this lack.

>> DIGITAL CAMERA

Olympus PEN E-PL1

€600 (around £524) Olympus' newest Micro Four Thirds PEN model is aimed squarely at beginners

Rather than bettering the previous PEN models, Olympus' newest Micro Four Thirds PEN offering is actually a pared-down version of the other two, with some new creative features. It's aimed squarely at amateurs, and sells at a more affordable price point. Its launch price is £376 cheaper than the PEN E-P2's whopping £900.

Like the previous PEN models, the E-PL1 is a retro beauty, styled like a 60s rangefinder camera. It fits well in the hands and is comfortable to use, but we were slightly disappointed at the plastic back. It feels cheap, letting down the E-PL1's aesthetics.

Specs-wise, while it's a dumbed-down version of the PEN E-P2, the E-PL1 has a very respectable feature set, with a 12.3MP Live MOS Sensor, built-in Image Stabilisation, ISO sensitivity up to 3200, integrated flash, HD movies, 25 shooting modes, six art filters and the all-important built-in flash missing from both the PEN EP-1 and EP-2.

The E-PL1 produces excellent-quality pictures, comparable to that of a far more expensive camera – detail-rich with vivid but not unrealistic colour. Noise is handled very well indeed, and is excellent up to ISO 1600. Shooting is a breeze thanks to the intuitive interface. The camera really is a joy to use, and it's fun too. The art filters are: Pop Art, Soft Focus, Grainy Film, Pin Hole, Diorama and Gentle Sepia. These really set it apart from the crowd, giving authentic, ultra creative effects in-camera. Intelligent Auto Mode does everything for you, and almost guarantees accurately exposed, blur-free images. For more proficient photographers there's the usual Manual, Shutter Priority, Aperture Priority and Program Modes.

> *"The E-PL1 produces excellent-quality pictures, comparable to that of a far more expensive camera"*

The PEN E-PL1 also offers exceptional video quality. It's able to record high-resolution HD 720p, 120x720 movies in 16:9 aspect ratio, and standard VGA movies, both using the AVI Motion JPEG format at 30 frames per second. You can use the art filters for movies as well as stills, which is a nice touch. **RD'C**

CONTACTS

Manufacturer: Olympus
www.olympus.co.uk

SPECIFICATIONS

Image sensor: 12.3MP Live MOS Sensor **Image Processor:** TruePIC V image processor **Lens mount:** Micro Four Thirds **Video:** HD 720p movie with sound

PROS & CONS

- ⊕ Image quality
- ⊕ Creative modes
- ⊕ Exceptional HD video
- ⊖ Plastic lets build quality down

VERDICT

★★★★☆

"An impressive beginner's camera with lens options that encourage creativity."

>> EXTERNAL HARD DRIVE

Western Digital My Book Studio 2TB

£165 At last, an external hard drive with features that aren't gimmicks!

CONTACTS

Manufacturer: Western Digital
www.wdc.com/en

SPECIFICATIONS

Capacity: 2TB **Hard disk form factor:** 3.5-inch **Interfaces:** USB 2.0, FireWire 800 **Dimensions:** 4.8x13.5x16.5cm **Weight:** 1.18 kg

PROS & CONS

- ⊕ Good use of e-ink technology
- ⊕ FireWire and USB connectivity
- ⊕ Great value for money
- ⊖ Cannot use as a boot drive

VERDICT

★★★★½

"A feature-packed external HDD with more than the average drive."

Western Digital's My Book Studio 2TB desktop drive boasts a similar feature set to its portable stablemate the Passport Studio, reviewed last issue. It's bundled with the WD *SmartWare* application, supplied on a Virtual CD that mounts with the hard drive. This enables you to back up your data, set an access password and customise the impressive 12-character label on the drive's display, which is based on e-label technology and therefore always on, even when the drive is switched off. You can write anything you like, but it's always in block capitals. The display also offers a capacity indicator showing how much free space remains. As this disappears if you use the drive on a computer that hasn't got *SmartWare* installed, it's far more at home sat on your desktop. Turbo drivers for fast copying are also included, and you can switch off the Virtual CD if you don't want it to appear on your desktop. Connectivity is through USB 2.0 or FireWire 800, with a FireWire 400 adapter also included in the box.

A customisable e-label, based on e-ink technology, allows you to name your drive.

In our tests the drive performed admirably, offering solid write speeds and read speeds that out-perform most external drives of its type. Given the feature set, My Book Studio is great value for money at £165 for 2TB too. In fact, its only significant drawback is it can't be used as a boot volume due to its integrated virtual disc, but its feature set, performance and sheer value for money more than make up for this. **IO**

>> CHARGER

Griffin PowerBlock Reserve

£29 So the iPhone can struggle to make it a full day without a charge…

CONTACTS

Manufacturer: Griffin
www.griffintechnology.com

SPECIFICATIONS

Input: 100-240V **Output:** 5V, 1000mA **Battery capacity:** 500mAh

PROS & CONS

- ⊕ Only £5 more than Apple's…
- ⊕ …and does loads more
- ⊕ US/UK plug included
- ⊖ Only 500mAh battery

VERDICT

★★★★☆

"More battery life as an option would be nice, but still: a great gadget."

Here's a smart idea. This little brick – something around the size of a thick bar of soap – comes with US and UK socket adapters, and outputs 5V/1000mA, so it'll charge pretty much any USB device you plug into it. (Exception: while it will charge the iPad, it does so very slowly. It would take three days to charge it fully. Rest assured, Griffin's on the case.)

The clever bit is that part of the PowerBlock Reserve pulls away; it's a little battery with a standard 30-pin dock connector that you can use to give your iPod or iPhone a jolt of power when away from the mains. The battery is held in place with a couple of magnets, though when used with the UK plug, it sits on top rather than hanging underneath so the magnets aren't so important – and as it's charging, a row of five green LEDs show its level of charge. But while you can press the battery icon to see the charge level when it's connected to the mains or a device, it doesn't show it when it's not. Of course, the PowerBrick Reserve charges a connected device and its own removable battery at the same time.

GRIFFIN
PowerBlock Reserve
©2010 Griffin Technology
Designed in Nashville
Assembled in China

Charge your iPhone or iPod over USB, and take along a little extra charge with you.

This battery is a bit weedy, though. With only 500mAh capacity, it won't fully charge an iPhone battery, though it was sufficient, in our tests, to make an iPhone properly last an entire day away from the mains, even when being used heavily.

The Griffin's only a fiver more than Apple's own USB charger, too, with the bonus of the battery and US/UK compatibility. **CP**

Precision
Mode
Display
Toggle
Option
wacom

This Bluetooth graphics tablet charges over USB, and you can use it while it's charging.
Photography by Job y Sessions

>> WIRELESS GRAPHICS TABLET

Wacom Intuos4 Wireless

£327 Artists of the world, unite! You have nothing to lose but your USB cables!

Can you remember the review of the Wacom Intuos4 we wrote a year ago? If so, all you need to know about the Intuos4 Wireless is that it's everything the Intuos4 is, plus Bluetooth. (Or 'minus a cable' if you like.)

That's not to dismiss it. The Intuos4 range from Wacom is genuinely brilliant. Never mind the sensitivity of the tablet, Wacom has done a sterling job in making the device very usable. It's partly the hardware: as well as the Touch Ring that you can configure, say, to scroll through a document or change brush size, the Intuos4 Wireless has eight hardware buttons that can be set up as anything from modifier keys to triggers for cascades of actions. The best bit, though, is the embedded displays next to these buttons that show their current function. (It's almost impossible to see the display hardware, and it looks like white glowing characters are embedded directly into the black glossy plastic, which is neat.)

These soft keys come into their own, though, when you start tinkering. Despite them being useful as soon as you take it out of the box, you can configure how the ExpressKeys and Touch Strip behave. The latter itself has four different states, even switching their behaviour automatically depending on what app you're using. Seeing their function on the embedded displays – or by triggering the on-screen cheat sheet – is invaluable.

> *"It can take especially long to get the very best out of it, but it's an investment of time worth making"*

All graphics tablets have a learning curve, and the sheer richness of this range's configurability means it can take especially long to start getting the very best out of it, but it's an investment of time worth making.

Only you can decide whether you're happy to pay the extra (around £55 online) for the convenience of a wireless Bluetooth connection, compared to the essentially identical wired Intuos4 M. The Li-ion battery easily lasts for a day of very active use – and thanks to its power-saving features, much longer if you use it only infrequently. And while we occasionally saw some glitchy lags, it generally performed well. **CP**

CONTACTS

Manufacturer: Wacom
www.wacom.eu

SPECIFICATIONS

Levels of pressure sensitivity: 2,048 **Max resolution:** 5,080lpi **Angle recognition:** ±60° **Keys:** Eight ExpressKeys, Touch Ring and two on stylus **Weight:** 0.9kg

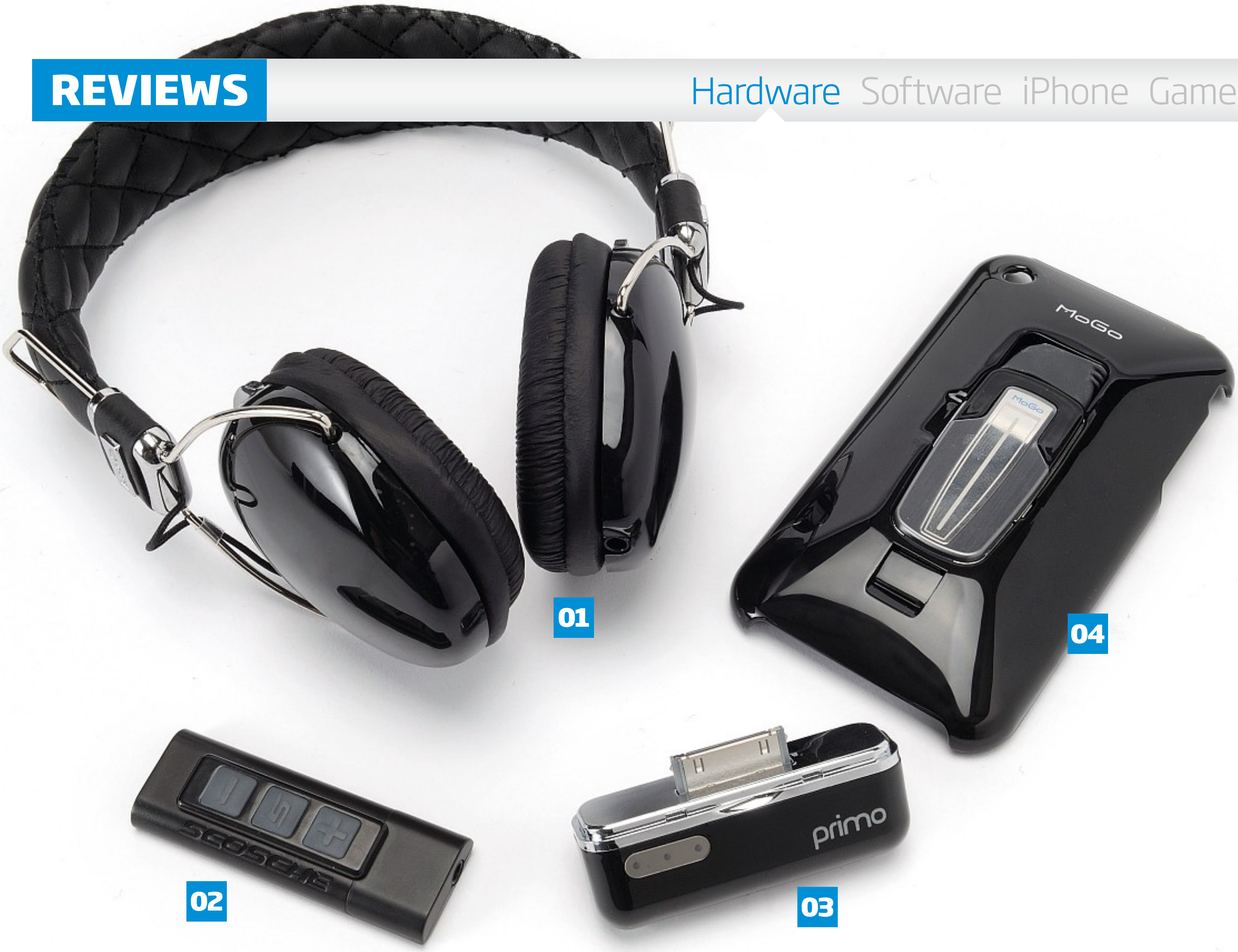
PROS & CONS

- ⊕ Excellent tablet performance
- ⊕ Brilliant soft keys
- ⊕ Supremely configurable
- ⊖ Expensive, though not bad value

VERDICT

★★★★½

"Wireless is inessential for many, but this is still a brilliant, flexible system."



HEADPHONES

Audio Chi W Series

Mac FORMAT Choice ★★★★★

£70 www.audiochi.com

01 If you dislike earbuds and don't mind looking like the Napster cat, you need a set of cans like this from Audio Chi. The W Series headphones are light and comfortable, without sacrificing strength or build quality. They felt a little small at first, but we got used to them.

Sound isolation is good given that the cans don't completely envelop the ears, and audio quality is excellent, offering a warm, rich and above all, detailed tone. Titanium-coated mylar drivers reduce distortion, and £70 is affordable for a studio-quality set of headphones. IO

VERDICT

★★★★★

"An attractive, studio-quality pair of headphones at an affordable price."

iPOD ADAPTOR

Scosche tapSTICK

£20 www.scosche.com

02 The tapSTICK frees your third-generation iPod shuffle from the tyranny of Apple's earbuds. It's essentially a sleeve that fits over the body of your shuffle, offering the same three-button control system found on the bundled buds – so you can use other headphones and still control your device.

While the tapSTICK serves its purpose, its plastic body looks a little cheap next to the shuffle's brushed-metal finish, and when in place it covers the Off/Shuffle /Play-in-Order switch. So we can't help preferring Belkin's Headphone Adaptor cable. IO

VERDICT

★★½☆☆

"A useful workaround device for Apple earbuds, but not the best in its class."

iPHONE BATTERY

PhoneSuit Primo

£23 www.phonesuit.com

03 This micro battery pack for an iPhone or iPod touch measures 6.1x3.2x1.8cm, making it ideal to carry around. Its 800mAh battery is charged through USB in a few hours, and on an iPhone 3G/3GS, gives up to three hours of talk time, 11 hours of audio and three hours of video. The battery is designed to fit your iPhone or iPod even if it's enclosed in a protective case.

In our tests, Primo charged an iPhone 3G to three quarters of its total capacity, but took over an hour to do so. Consequently, it's best used for tea-break top-ups before your battery dies. IO

VERDICT

★★★★☆

"A great way to give your iPod or iPhone an extra burst of power during the day."

WIRELESS HEADSET

MoGo Talk

£80 www.mogotalk.com

04 If you keep mislaying your iPhone's Bluetooth headset, this novel device could be just what you need. It's a slimline hands-free unit housed in an iPhone case, so it's always at hand when you need it. The headset charges through a Micro USB connection in the case.

The unit's in-ear design is surprisingly comfortable, with a range of tips supplied so you can find one that best fits your ear. Unfortunately, it can be hard to get out of the case and the build quality is average. That said, call quality is fine and it's a handy way to carry a hands-free set. IO

VERDICT

★★★☆☆

"A lightweight, comfortable Bluetooth headset in a handy but mediocre-quality housing."

Issue 215
December 2009

20 Mac problems sorted
iPhone GPS apps tested
Make a podcast jingle
Portable HD group test
On the disc
GrupaDupa 1.0.3, SWF Encrypt 4, Twit Menulet 4

Issue 216
January 2010

Ultimate guide to iPhoto
Get fit with iPhone
Master Mac OS X file sharing
10 Apple milestones
On the disc
Advanced Link Manager, New Star Soccer, Crayon Ball

Issue 217
February 2010

Sort photos using GPS
Investigating Apple TV 3.0
Solid-state drive group test
Customise Mac OS X
On the disc
AppDelete 2.2.3, Mac-HaBu Bronze 10.3.2 and more

SOLD OUT!

Issue 218
March 2010

Never lose a file again!
Add other operating systems
Organise social networking
Top 10 iPhone apps
On the disc
Archive 5.5.1, Fresh 1.2.2, NTFS for Mac 6.5 Express

Issue 219
April 2010

Say hello to iPad
40 ways to improve a Mac
Cut the cost of buying a Mac
Stylise your snaps
On the disc
Curator 1.3, Captain FTP, Fun Booth 1 and more

Issue 220
May 2010

iWork: the ultimate guide
Do more in Snow Leopard
Aperture 3 reviewed
Macworld expo: the verdict
On the disc
iSoftPhone 2.7, R10Cipher 2, Tidy Up! 1.4.11 and more

Back issues

Want to order a back issue of MacFormat? Hurry – stock is limited!

You've only just missed...

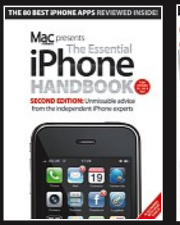
Issue 221 / June 2010

Faster! Smarter! Better!
Top 40 ways to get more done on your Mac

Plus...
Five reasons to get excited about CS5
Watch the World Cup on your Mac
The iPad Wi-Fi model reviewed
Apply lens flare in Photoshop
Mono laser printer group test
Get a free 3D Desktop

On the disc
File Sheriff 1.4, ArtRage 2.5,
Cake Shop 1, top shareware and more

Why not also try these...



Don't miss our special issues, but hurry – limited stocks available!
MacFormat Presents brings the expertise and experience of *MacFormat*'s writers to cover a single subject in its entirety. You can buy all of these special issues online at www.myfavouritemagazines.co.uk/macformatpresents.

To order back issues telephone +44 (0)870 837 4773
To buy online or to subscribe to MacFormat, visit www.myfavouritemagazines.co.uk

>>NOTE AND INFORMATION MANAGER

green&slimy Thoughts 1.0.2

€24 (£20) Can this iLife-like note-taker justify its hefty price tag?

CONTACTS

Developer: green&slimy
http://thoughtsapp.com

REQUIREMENTS

Processor: G5 or Intel Mac
OS: Mac OS X 10.5.6+ **RAM:** 1GB+

PROS & CONS

- + Good-looking interface
- + Decent export options
- – No built-in templates
- – No control over images

VERDICT

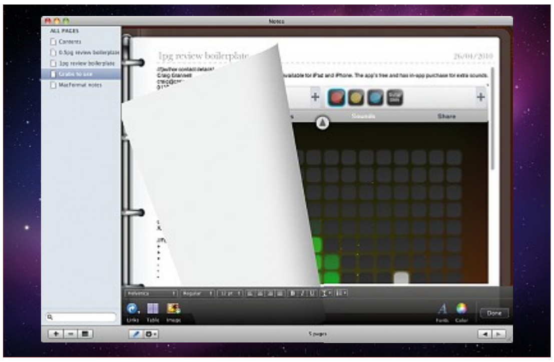
★★½☆☆

"Not a bad digital diary, but too basic for most info-management."

Thoughts bills itself as a flexible note and information manager, aimed at anyone wanting a hassle-free means of storing snippets and ideas. On first launch, *Thoughts* immediately struck us as curious. It's a bit reminiscent of an iPad app – the interface resembles a real-world journal with 'bound' pages, notes are automatically saved, and content is shared via export to RTF, PDF, DOC or ODT, rather like *Pages* for iPad.

Despite a tiresome (and impossible to disable) page-turn animation, these aspects of *Thoughts* actually work pretty well, and it's easy to create new pages and search content by keyword or date. Where things fall down is in the simplistic nature of page layouts; this is because in terms of functionality, *Thoughts* offers little over *TextMate*. Sure, there's a lovely toolbar for styling your text, but you only get the same options that are available in *TextMate* (which means no image formatting or resizing), along with buttons for adding links to web pages, email addresses and local files. We also found it disappointing that no starter templates are offered to get you going with any document types.

Overall, *Thoughts* isn't a bad app, and it's a suitable – if somewhat pricey – means of keeping a digital diary or storing the odd snippet. However, for more advanced writing tasks, the free *Bean* equals it; for task and information management, grab *TaskPaper* if you favour simplicity, or *Things*, which is as elegant as *Thoughts* but far more versatile. **CG**



Thoughts looks good, but the beauty's only skin-deep in this app.

>>EMAIL CLIENT

Postbox 1.1.4

$40/£26 ($25/£16 for lifetime upgrades) Alternative program for robust email handling

CONTACTS

Developer: Postbox Inc
www.postbox-inc.com

REQUIREMENTS

Processor: G4 or G5 PPC or Intel
OS: OS X 10.4+ **RAM:** 1GB **Hard disk space:** 200MB

PROS & CONS

- + Attractive interface and features
- + Powerful content handling
- – Poor junk mail handling
- – Loses many Mail features

VERDICT

★★★☆☆

"Has useful features, but buggy and leaves out tools from other mail apps."

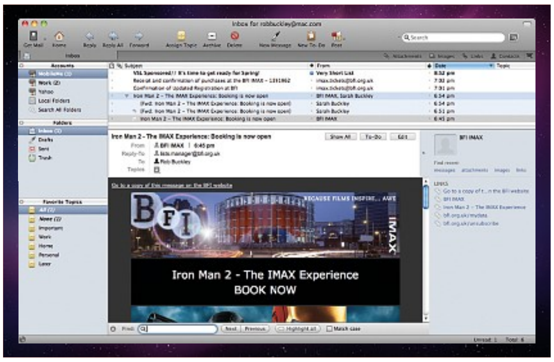
Postbox is an email client that attempts to take the best features of *Thunderbird 2.0* and *Mail*, synthesise them and give the best possible mail client around.

Postbox certainly has a long list of useful features, as well as a beautifully polished interface. Conversation threading lets you view lengthy email exchanges grouped either in the inbox or in a separate palette. Quick access to all the links, attachments and images embedded in emails is available in palettes and sidebars. Two different types of tagging let you categorise messages for easy filtering. Facebook and Twitter integration lets you pull in profile pictures for contacts; To Dos let you prioritise emails. Some *Thunderbird* third-party add-ons work and *Thunderbird 3* features such as tabbed browsing and OS X *Address Book* integration are also present.

Unfortunately there's no unified inbox for all your email accounts, so you have to click between inboxes to see all your new mail. Plus there's no support for Exchange accounts, and no *Time Machine* or *iLife* integration. *Thunderbird's* advanced features are MIA, too. Junk mail handling is poor and there's no way to improve it with *SpamSieve*.

The application does provide an assistant to import accounts and messages from *Mail* and *Thunderbird*. However, a Yahoo POP account imported directly from *Mail* never displayed any messages, even when there were over 40 dwelling on the server.

Postbox is tempting, but what you gain is offset by the things you lose. **RB**



Postbox offers an attractive, tabbed interface and content analysis.

>> WINDOWS EMULATOR

Crossover Mac 9.0

£26 Fill a gap that doesn't seem to need filling: pretend your Mac is a PC. Sort of…

When you absolutely must run a Windows application on your Mac, you've got three options. Boot Camp will get you up and running with a proper full Windows installation, supplying all the raw power your hardware can muster and giving your programs 100% compatibility, at least in theory. This is Windows we're talking about, after all. Next comes virtualisation – using applications such as *Parallels Desktop* and *VMWare Fusion* – which enables you to run your Windows installation on top of OS X, sacrificing a little grunt for the convenience of running everything in one bordered desktop.

And then there's *Crossover*. It's basically a Mac port of Linux's *Wine*, a compatibility layer for Windows apps; it's so close, in fact, that it maintains *Wine*'s terminology, employing 'Bottles' to contain virtual system settings and instructions pertaining to your individual installed apps. Unlike the other two options, *Crossover* doesn't need a full copy of Windows or the expensive licence that goes with it. It employs intricate emulators of all of Windows' key functions to run apps completely independently of Microsoft's operating system.

> *"It's a Mac port of Linux's Wine, a compatibility layer for Windows apps; it's so close, in fact, that it maintains Wine's terminology"*

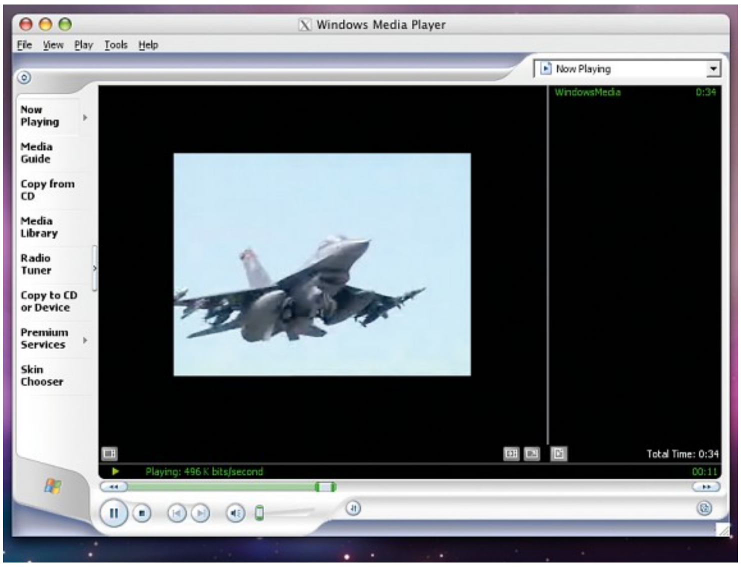
Still a way to go

Crossover has had its detractors over the years, and for good reason; here we are at version 9, and it's only just catching up with some of the more major Windows applications on the market. There's a short list of programs – 700 or so – that CodeWeavers rates as Gold, and even this designation merely signifies that the application mostly runs as expected. This number does cover many of the applications that make it most useful. *Internet Explorer* is there, for instance, which makes testing web designs with the world's most popular browser relatively straightforward. Legacy versions of *Media Player* are also supported, which is a cheeky way of playing WMV video. But alternatives to these things already exist. You might as well use a service like IE Netrender (http://ipinfo.info/netrenderer) to test your pages, while *Flip4Mac* is a much more elegant way to add WMV compatibility to OS X. Whatever you might do with *Crossover* can be done just as well with something else.

We're not suggesting that *Crossover*'s sharp emulation of Windows' components isn't a remarkable achievement. It's logically fantastic, and the OS agnostic ethos behind it is flawless. We hope CodeWeavers is thankful to the open source advocates who put *Wine* together in the first place. But throughout running *Crossover* we were aware that we weren't getting the full Windows experience. Heck, we couldn't even get it to install *IE7* without it falling over, and that was listed in its small selection of supported apps.

All that glitters…

Crossover is flaky. Its interface is equal parts ingenious and awkward. If you absolutely must run one of the applications on *Crossover*'s Gold list it's certainly much cheaper than the rather steep combo of a Windows licence and one of the big two VM packages, but don't expect to rely on it for anything system-critical. **AC**


Windows Media Player
File View Play Tools Help
Now Playing
Now Playing
Media Guide
Copy from CD
Media Library
Radio Tuner
Copy to CD or Device
Premium Services
Skin Chooser
WindowsMedia 0:34
Total Time: 0:34
Playing: 496 K bits/second 00:11

Media Player works well enough in Crossover, but you could always just use Flip4Mac.

CONTACTS

Developer: Codeweavers
www.codeweavers.com

REQUIREMENTS

Processor: Intel **OS:** OS X 10.4 or later **Hard disk space:** 120MB

PROS & CONS

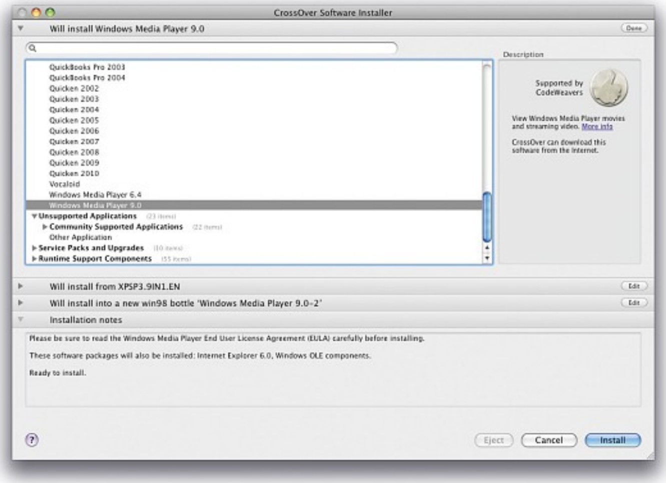
- ⊕ Windows without a licence
- ⊕ It's Wine on a Mac…
- ⊖ …only you have to pay for it
- ⊖ Clunky installer interface
- ⊖ Apps rarely work properly
- ⊖ Noticeable visual differences

VERDICT

★★☆☆☆

"An open source app shoehorned into a commercial product that doesn't work as well. Treat it as a last resort."

Crossover's Software Installer contains the Gold list of applications that are supposed to be compatible.


CrossOver Software Installer
Will install Windows Media Player 9.0
Done
Description
QuickBooks Pro 2003
QuickBooks Pro 2004
Quicken 2002
Quicken 2003
Quicken 2004
Quicken 2005
Quicken 2006
Quicken 2007
Quicken 2008
Quicken 2009
Quicken 2010
Vocaloid
Windows Media Player 6.4
Windows Media Player 9.0
Unsupported Applications (23 items)
Community Supported Applications (22 items)
Other Application
Service Packs and Upgrades (10 items)
Runtime Support Components (55 items)
Supported by CodeWeavers
Will install from XPSP3.9IN1.EN
Edit
Will install into a new win98 bottle 'Windows Media Player 9.0-2'
Edit
Installation notes
Eject
Cancel
Install

View Windows Media Player movies and streaming video. More info

CrossOver can download this software from the Internet.

Please be sure to read the Windows Media Player End User License Agreement (EULA) carefully before installing.

These software packages will also be installed: Internet Explorer 6.0, Windows OLE components.

Ready to install.

>> ON THE DISC
You can find all these programs on the disc.

>> WINDOW AND APP SWITCHER

Witch 3

$19 (£12) Use keyboard shortcuts to quickly find and switch to app windows

CONTACTS

Developer: ManyTricks
http://manytricks.com/witch

REQUIREMENTS

OS: Mac OS X 10.3.9+

PROS & CONS

- ⊕ Fast and responsive
- ⊕ Plenty of optional actions
- ⊕ Can 'replace' native app-switcher
- ⊖ Patchy Spaces support

VERDICT

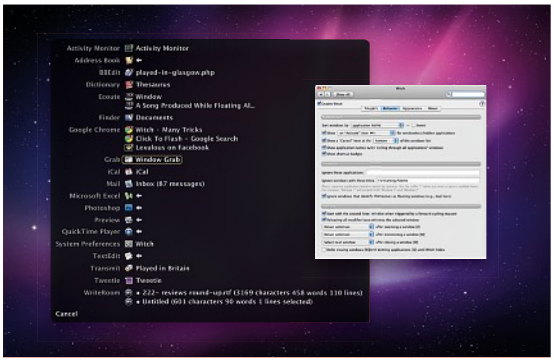
★★★★☆

"A worthwhile add-on for Mac OS X and a decent update for existing users."

Witch resembles a pro version of the Mac OS X app switcher, but instead of enabling you to access and focus open apps, *Witch* provides direct access to specific windows. If you simultaneously use many apps with many windows, this alone should make *Witch* worth a look, since it speeds up workflow.

Witch 3 brings with it additional efficiency features. You can redefine the main shortcut to ⌘+⇥, 'replacing' the Mac OS X switcher. Usefully, *Witch* mimics native switcher shortcuts (an exception being 1 to invoke Dock *Exposé* in Snow Leopard) and adds its own. When you've *Witch*'s main window up, you can tap Q or H to quit or hide an application, respectively, or close (W), minimise (M) or zoom (Z) a selected window. Keyboard users are further catered for by another dozen user-definable action shortcuts, including cycling the current app's windows.

Outside of shortcuts and actions, *Witch 3* adds new appearance options. You can restrict its main window's width, which is useful for 'cropping' lengthy web-page titles. There's also a new option for saving appearance settings, and five presets are included. Unfortunately, the new release still doesn't play particularly nicely with Spaces (although the developer says this is being looked into), and it now has Spaces-aware competition in the form of *WindowFlow*. But for our money, *Witch*'s responsiveness and efficiency edges it as a window switcher. **CG**


Activity Monitor Activity Monitor
Address Book
BBEdit played-in-glasgow.php
Dictionary Thesaurus
Ecoute Window
A Song Produced While Floating Al...
Finder Documents
Google Chrome Witch - Many Tricks
Click To Flash - Google Search
Lexulous on Facebook
Grab Window Grab
iCal iCal
Mail Inbox (87 messages)
Microsoft Excel
Photoshop
Preview
QuickTime Player
System Preferences Witch
TextEdit
Transmit Played in Britain
Tweetie Tweetie
WriteRoom • 222- reviews round-up.rtf (3169 characters 458 words 110 lines)
• Untitled (601 characters 90 words 1 lines selected)
Cancel

Witch provides plenty of shortcuts and options for window switching.

>> AUDIO PLAYER

Ecoute 1.3.6

$10 (£7) www.ecouteapp.com

Ecoute is an audio player, designed as a lightweight alternative to *iTunes*. Unlike many of its rivals, *Ecoute* works directly with *iTunes* content and playlists, which means getting started takes no time at all. The interface initially feels quirky, and is reminiscent of the iPod app on an iPhone. However, you can navigate it using the mouse or keyboard, and it's fast to use once you've familiarised yourself with it. The app also offers configurable system-wide shortcuts, *Growl* and Apple Remote support, a *Bowtie*-like 'themeable' desktop controller, and integration with social networking websites. We're impressed; if you don't get on with *iTunes*, we think you will be too. **CG**

VERDICT

★★★★☆

"An impressive and efficient alternative to the ubiquitous iTunes - once you get used to it."

>> YOUTUBE DOWNLOADER

QuickTubePlayer

Free http://bit.ly/aNooS8

Billed as a simple and fast YouTube video player, *QuickTubePlayer* places far too much emphasis on the 'simple'. To be fair, the application does have its good points: the interface is clear (both in windowed and full-screen modes), it directly plays YouTube video files (rather than using the resource-hungry *Flash Player*), and downloading videos to your hard drive is as simple as you could expect. However, the application's lack of browser integration renders it almost pointless. You cannot search YouTube for things to watch from within it – instead, you must find a video in a browser and copy the URL across to *QuickTubePlayer*. It just feels like an avoidable extra step. **CG**

VERDICT

★★☆☆☆

"A nice YouTube player scuppered by a lack of YouTube website integration."

>> YOUTUBE DOWNLOADER

MacTubes 2.6.1

Free http://brpg.hp.infoseek.co.jp/mactubes/index_en.html

The second YouTube app by mametunes reviewed this month easily betters *QuickTubePlayer*. It retains its sibling's download ability and has a similarly impressive interface, but also includes search and playlist features. The overall effect resembles *iTunes:* search results are available in list and grid views, and saved searches and playlists live in a sidebar. Curiously, one thing *MacTubes* doesn't retain from *QuickTubePlayer* is *Flash*-free playback, making it cumbersome if you've *ClickToFlash* installed. If the two mametunes apps were combined, the result would be great. As it is, *MacTubes* is merely good. **CG**

VERDICT

★★★½☆

"A decent, searchable YouTube player that would benefit from Flash-free playback."

Join us online

»WEBSITE

Visit **www.macformat.co.uk** to read the latest blogs and Apple news

»PODCAST

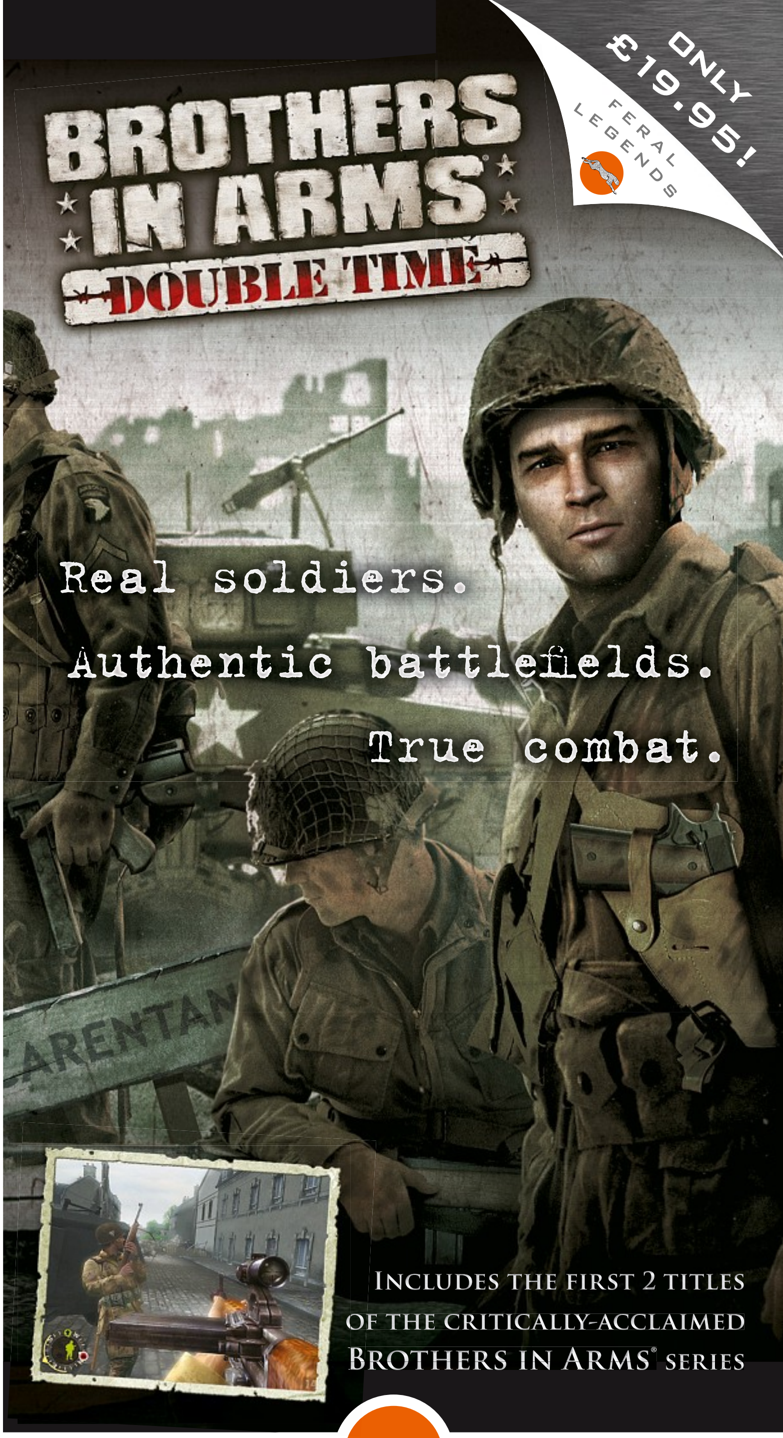
Download *MacFormat This Week* from the iTunes Store or our website

»FORUM

Visit **forum.macformat.co.uk** to chat to other *MacFormat* readers online

»TWITTER

For behind-the-scenes peeks and breaking news, follow **@MacFormat**


ONLY £19.95!
FERAL LEGENDS
BROTHERS IN ARMS DOUBLE TIME
Real soldiers.
Authentic battlefields.
True combat.
CARENTAN
INCLUDES THE FIRST 2 TITLES OF THE CRITICALLY-ACCLAIMED BROTHERS IN ARMS® SERIES

FERAL LEGENDS

CONTAINS
ROAD TO HILL 30
AND
EARNED IN BLOOD

OUT NOW FOR MAC

DVD
FERAL LEGENDS
BROTHERS IN ARMS DOUBLE TIME
16
gearbox
UBISOFT

feralinteractive.com

16
www.pegi.info

© 2010 Gearbox Software, LLC. All rights reserved. Published and distributed by Feral Interactive Ltd. under license from Gearbox Software, LLC. Brothers In Arms, Brothers In Arms Road to Hill 30, Brothers In Arms Earned in Blood are trademarks of Gearbox Software and used under license. Gearbox Software and the Gearbox logo are registered trademarks of Gearbox Software, LLC in the U.S. and/or other countries. The Ubisoft logo is a trademark of Ubisoft Entertainment in the U.S and/or other countries. Mac and the Mac logo are trademarks of Apple Computer Inc. registered in the U.S. and other countries. Feral and the Feral logo are trademarks of Feral Interactive Ltd.

Mac

gearbox software

UBISOFT

>> REAL-TIME STRATEGY

The Settlers 7: Paths to a Kingdom

£27 This strategy looks happy-go-lucky on the outside, but there's serious work to be done

CONTACTS

Publisher: Transgaming, Inc
www.gametreeonline.com/ubisoft
Developer: Transgaming, Inc

REQUIREMENTS

OS: OS X 10.6.3 **Processor:** Intel Core 2 Duo **RAM:** 2GB **Hard disk space:** 8GB **Video:** ATI Radeon 2600+, Nvidia GeForce 8600+

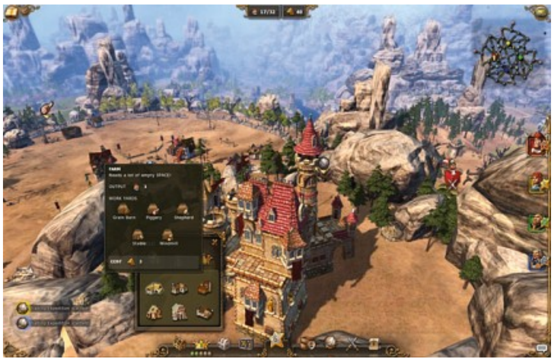
PROS & CONS

⊕ Huge challenge
⊕ Beautiful presentation
⊖ Painfully difficult at times
⊖ Tutorial is very unhelpful

VERDICT

★★★½☆

"A serious strategy game in somewhat misleading cartoony clothing."



Don't be confused by the game's colourful, cute visuals; this game's hard.

There are two things to mention right from the off regarding *The Settlers 7*. You need to be running a Mac with a beefy graphics card if you want the game to appear in all its glory.

Second, don't be fooled by the game's cute and cartoony appearance. This is a deep and sometimes punishingly difficult game. Its exceptional production values (from the stunning animated cut-scenes to the lilting score and impressive voice work) lend a kid-friendly sheen to what is in reality a game suited to beard-strokers who aren't happy unless a strategy game is so complex it brings on a nosebleed.

The main campaign mode follows the story of Zoe, an heir to the throne of a kingdom that has seen better days. It's up to Zoe to prove her suitability as monarch by returning the kingdom to its former glory.

Starting with a small settlement, the task is to mine resources, create a thriving economy, build an ever bigger infrastructure, amass a military capability and generally keep your settlers happy and in the process. This is easier said than done: you must scrutinise every aspect of your expanding kingdom, micromanaging the needs and requirements of every facet of your society.

There are two routes to victory in the multiplayer mode: either accrue a sufficient number of victory points and hold onto them long enough to see out the countdown; or obliterate your opponents.

For all its challenge and reward, ultimately *The Settlers 7* is far less user-friendly than its looks would initially suggest. **AD**

>> MASSIVELY MULTIPLAYER ONLINE

Fallen Earth

Free (Mac open beta) Predictably the world ends, but that's just where the fun begins

CONTACTS

Publisher: Fallen Earth & Icarus Studios,
www.fallenearth.com/macbeta
Developer: Fallen Earth & Icarus Studios

REQUIREMENTS

OS: OS X 10.5 or 10.6 **Processor:** Intel Macs only **Hard disk space:** 12GB **RAM:** 2GB **Video:** Discrete video card with 256MB of RAM

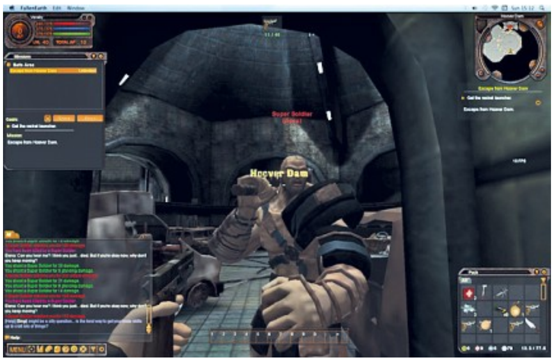
PROS & CONS

⊕ Great storyline
⊕ FPS elements
⊖ Graphical glitches
⊖ Stability issues

VERDICT

★★★½☆

"Technical issues aside, the twist on MMO gaming is well worth exploring."



Post-apocalypse clones ensure fallen earth is followed by falling bodies.

Like us, a number of you have probably watched movies like *The Book of Eli* and thought the prospect of living in a post-apocalyptic world looks a right laugh. Well, good news! You can now download the Mac open beta version of new MMO *Fallen Earth* and enjoy the end of days.

Setting up can be a little confusing – first register for a trial subscription, then install *Wine*, then install the Mac beta – but once you're up and running, you can begin to create your character. In *Fallen Earth* you don't choose a character class; you play as a regenerated clone. Through playing the tutorial, you learn about his background and, through exploring the wider world, have the opportunity to decide which warring faction to side him with.

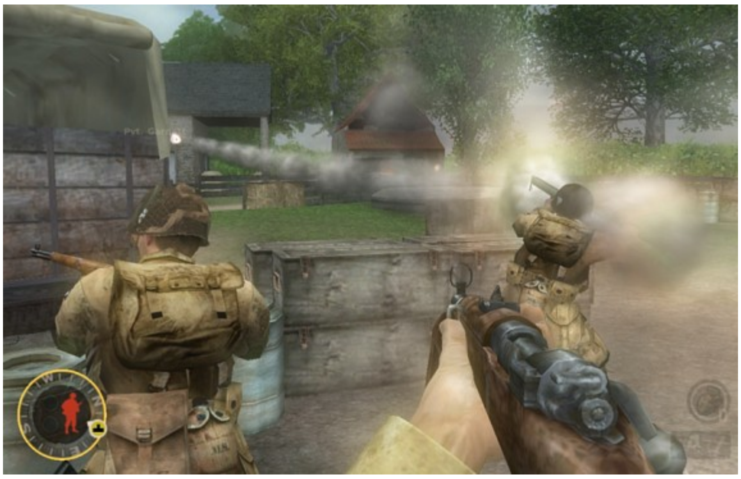
Much has been made of the game's unique melding of the MMO and first-person-shooter genres, and the emphasis on long-range, weapons-based combat does make it akin to *World of Warcraft*, but in most other respects *Fallen Earth* is a straight-up MMO.

Minor irritants when playing the game are the occasional crashes and graphical glitches. It doesn't destroy the experience but it does need addressing at some point if players aren't to be turned off. Oh, and graphically it looks a little dated. Even with the settings on high it's not a patch on *Warcraft's* enchanting world. On balance, though, *Fallen Earth* demands attention. The grittiness of the post-apocalyptic world and the intriguing story genuinely distance this from the current glut of MMOs. **AD**

>>FIRST-PERSON SHOOTER

Brothers in Arms: Double Time

£20 Experience the adrenalin and conflict of war as seen from two soldiers' perspectives



Your squad is laying on the heavy fire. Time to flank the enemy and cut off their supply route.

As subject matter for a first-person shooter, the Second World War is a well-trodden path, but with good reason. That great conflict is a rich source of stories of heroism in the face of adversity, so there's plenty of life in the genre yet. Indeed, it's testament to the strength of the era that *Brothers in Arms* – a game that first appeared five years ago and is showing its age accordingly – is still able to grip the player so effectively.

Both games are based loosely on a true story of derring-do during the invasion of Normandy when a regiment of the 101st Airborne Division was dropped behind enemy lines. *Double Time* is actually a compilation of two complete games. The first *BiA: Road to Hill 30* follows the tale of Sgt Matthew Baker and his squad as they take part in authentic scenarios that took place during the historic Mission Albany.

The second game, *Earned in Blood*, is played out in flashback, and follows the recollections of Lt Hartsock (one of Sgt Baker's men in the first game) and others as they recall their time with Sgt Baker then later recount adventures when they hook up with the 82nd Airborne Division. This continuation of the plot is a nice touch and lends some genuine weight to the story, enabling the player to really get to know the characters involved.

> *"The continuation of the plot is a nice touch and lends some genuine weight to the story, enabling you to get to know the characters"*

One-man war machine

On a basic level, *BiA* is like most other first-person shooters. You have direct control over the main protagonist only, and essentially wage a one-man war against the enemy. *Brothers in Arms'* point of difference in the FPS genre, though, is its use of tactical squad manipulation, enabling the player to issue orders to fellow squad members, rather than simply running at the enemy alone, all guns blazing.

It works like this. When engaged in general exploration you can order your squad to simply follow in your footsteps. In doing so, they'll shadow you and then engage any enemies you happen to come across. If there's an identified enemy stronghold, though, you can tag a holding position and the squad will head there and attack or defend according to their own situation. Alternatively you can order them to attack specific enemies, at which point they decide upon their own position from where they can best take out the enemy. You can assign similar orders to vehicles from time to time, asking light armoured tanks to keep the bad guys busy while you flank the enemy, taking them out with your rifle or lobbing grenades into the fray.

Ultimately the tactical stuff is a little on the flimsy side, amounting most of the time to ordering your men or vehicles to lay down suppressing fire while you get on with the job in hand. Nevertheless, it simultaneously adds an extra dimension to the play and helps with the process of forming attachments to your fellow squaddies.

Difficult time of it

The complexity of the challenge can also be altered by changing the difficulty level, which unusually has a pronounced effect on things. At the lowest level there's no real need for tactical play, so you can just plough through the game like a regular FPS. Higher difficulty levels remove the suppression guides from above the enemies' heads, so you no longer know whether a particular unit is going to pop up and shoot. But using tactics alongside teamwork is what makes these somewhat dated games still compelling to play. **AD**

CONTACTS

Publisher: Feral Interactive
www.feralinteractive.com
Developer: Feral Interactive

REQUIREMENTS

OS: OS X 10.5.8 **Processor:** 1.8Ghz **RAM:** 1GB **Hard disk space:** 9GB **Video:** 128MB VRAM; Intel GMA integrated video chipsets not supported but does run on GeForce 9400M graphics cards or better **Other:** Multi-button mouse

PROS & CONS

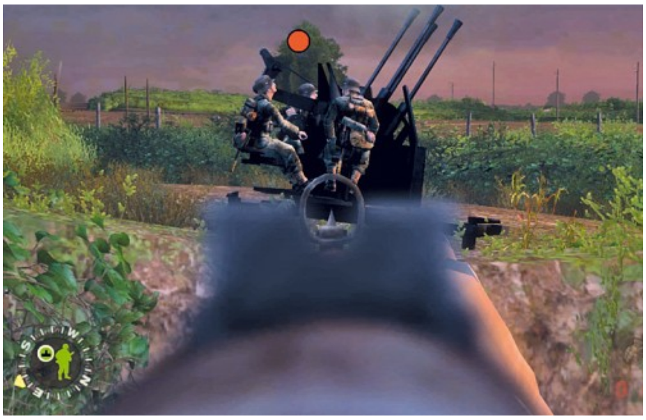
- ⊕ Great stories
- ⊕ Convincing situations
- ⊕ Some tactical play
- ⊕ Two whole games
- ⊖ Movement is slow
- ⊖ Graphically dated

VERDICT

★★★★☆

"Cutting edge it ain't, but two atmospheric and challenging games for £20 shouldn't be sniffed at."

These AA gunners are preventing your gliders from landing. So what are you going to do about it?



>iPHONE >iPAD >iPOD TOUCH

Apps

>>DOWNLOAD THESE APPS
You can download all these apps from the iTunes Store on your Mac or from the App Store on your iPad, iPhone, or iPod touch today!

5 ESSENTIAL APPS
The five apps that we couldn't be without!

1. Things
£5.99 Brilliant to-do app.

2. Tweetie 2
£1.79 Powerful Twitter client.

3. Instapaper Pro
£2.99 Read your articles offline.

4. National Rail
£4.99 Live train departure boards.

5. Hipstamatic
£1.19 Takes retro-styled photos.

5 GREAT GAMES
Lose yourself for hours or just a few minutes!

1. Plants vs Zombies
£1.79 'Tower defence'.

2. Angry Birds
59p Fire birds from a catapult!

3. Ramp Champ
£1.19 Gorgeous skee-ball sim.

4. Orba
59p Like *Bejeweled* only better!

5. Zen Bound
£1.79 Beautiful puzzle experience.

>>PRESENTATION APP FOR iPAD

Apple Keynote

$10 (UK pricing TBA) How can a piece of software be so powerful yet so limited?

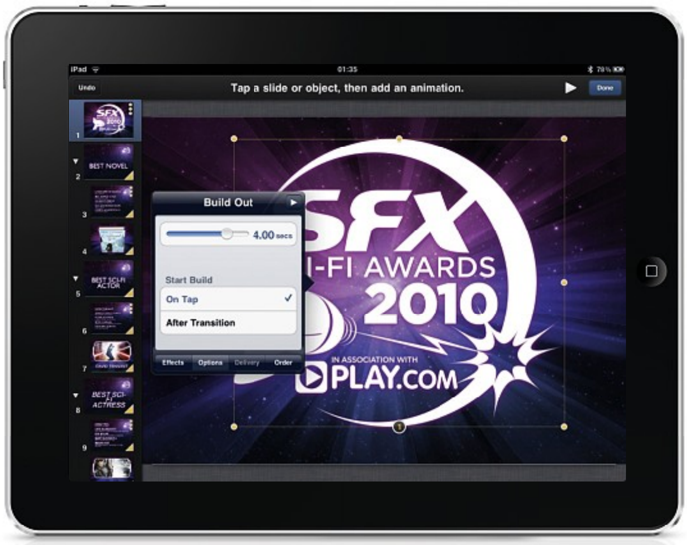
While Apple's new *iWork* suite (three separate productivity apps) for the iPad is an impressive technical and usability achievement for a mobile device, it quickly begins to frustrate.

They're beautiful apps, yes, and they're packed with clever, though not especially intuitive, gestures and interface flourishes that genuinely begin to replicate what you'd expect a traditional desktop app to do, and all on a glorified mobile-phone-with-a-big-screen.

But while *Keynote* is fine if you're happy to use the few beautiful themes Apple supplies, you quickly run into limitations if you try to tinker or, worse still, import your own existing presentations. Never mind that the process of getting the files onto the iPad in the first place is a hideous and convoluted mess (see the *Pages* review opposite); once they're finally imported, you're likely to see glitches. Carefully laid-out slides can find their layouts messed up, especially if you've created a widescreen presentation that *Keynote* has to reformat for the 4:3 iPad screen. Though *Keynote* comes with 43 fonts, you can't use your own for brand consistency, and heaven help you if you try to export anything vaguely complex from *PowerPoint* via *Keynote* on the Mac.

And just how do you get assets onto the iPad to use in your presentation? Local sideloading through *iTunes* is the standard method, but yuck – how finicky. The most convenient method for images, bizarrely, is to copy them from the web and paste in, but again, it just feels nasty.

> *"While Keynote is fine if you're happy to use the few themes Apple supplies, you run into limitations if you import your own"*



The ability to add build-in and -out actions to objects is a genuinely impressive feature.

What about master slides you've created? *Keynote* ignores them, so your only option is to copy and paste an existing slide unless you want to create each one from scratch. Presenter notes are stripped out when you copy from Mac to iPad, which is a shame given that with the purchase of the VGA-out connector you can run a presentation from the iPad to a projector.

Unless you're happy to create presentations that stick pretty closely to Apple's templates, you're going to find the whole experience exasperating. We had hoped it would at least be a decent player for Mac-created presentations that you could make last-minute edits to on the way to a meeting, but it's not even there yet. **CP**

PROS & CONS
- ⊕ Clever, useful interface
- ⊖ Poor compatibility with Mac
- ⊖ Can't use your master slides
- ⊖ Finicky to load assets

VERDICT
★★½☆☆

"There's some real power here, but compatibility with the Mac version has yet to manifest."

>> WORD PROCESSOR FOR iPAD

Apple Pages

$10 (UK pricing TBA) The glitz and glamour don't make up for the basic omissions

PROS & CONS

- ⊕ Good page layout
- ⊖ No direct printing
- ⊖ Messy file transfer
- ⊖ No word count

VERDICT

★★★½☆

"A competent page layout app that suffers from a lack of print options and elegant syncing."

Just like on the Mac, *Pages* is a mix of straight word processor and desktop-publishing package. Apple's probably right that, unlike the writers at *MacFormat*, most people don't think of a word processor as a way of simply belting some unformatted text into a computer, but instead like to tinker with layout, fonts, images and more. Which is just as well, as while *Pages* on the iPad is rather impressive when doing moderately sophisticated page layout, it's not conducive to the kind of word processing that journalists, students and academics usually do.

It's easy – almost fun – to set page margins and headers/footers. You can create multi-column layouts and even, as in the screenshot (right), drop in graphics and have text flow around them. There are a few pretty templates included. It even has a spellcheck.

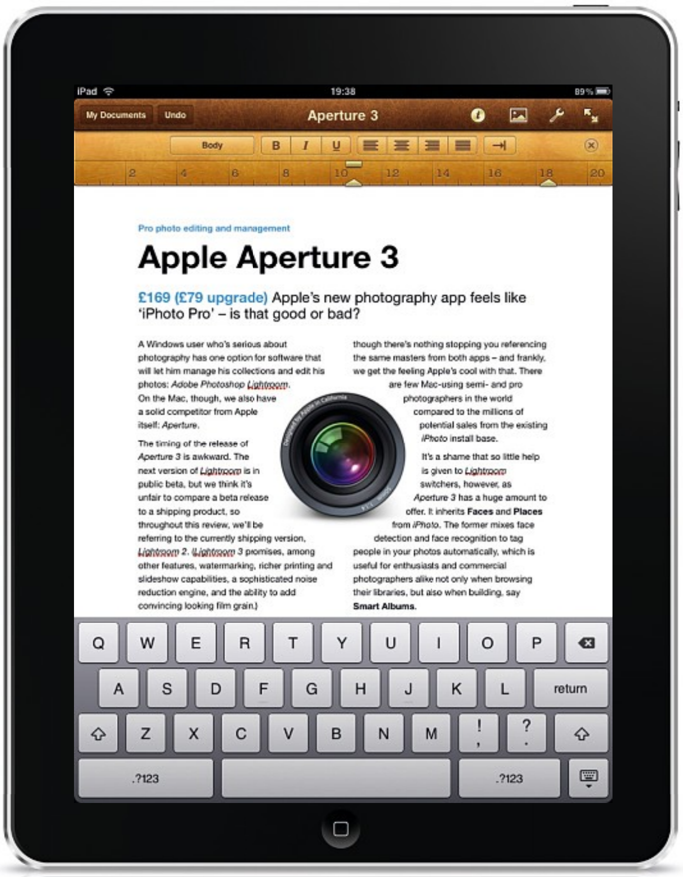
But crucially, there's no word count. We know that not everyone who writes, writes to a word count, but it's vital for many. As with the other *iWork* apps, getting assets into your documents requires you to sync them awkwardly through *iTunes* or copy them from elsewhere, such as a website. Though the iPad's keyboard is technically very good, it's tricky to sit the iPad in a position where long periods of typing are comfortable; happily, a dock and paired Bluetooth keyboard works great.

However, you can't print. That seems basic, and while we understand the technical reasons for it, it's just nuts; at least let us automate passing a PDF through a helper app on a local Mac, Apple! But no, instead you're limited to mailing or exporting the file digitally (*Keynote* and *Numbers* can't export to their *Office* equivalents, but *Word* is an option that's provided here).

> *"Getting assets into your documents requires you to sync them awkwardly through iTunes"*

What plagues all *iWork* apps on the iPad, however, is the tortuous method of getting files to and from your Mac. It's handled through a pane in *iTunes*, but it's not file syncing. You have to convert transfers each way, creating a litter of versions and sometimes messing up complex formatting. In this way, it's all too easy to lose track of which copy is the latest version.

If you're content to spend most of your time in *Pages* on the iPad, rarely working on the file on your Mac, and are happy to treat your work as DTP projects rather than word processing documents, *Pages* can be forgiven. **CP**



Pro photo editing and management

Apple Aperture 3

£169 (£79 upgrade) Apple's new photography app feels like 'iPhoto Pro' – is that good or bad?

A Windows user who's serious about photography has one option for software that will let him manage his collections and edit his photos: *Adobe Photoshop Lightroom*. On the Mac, though, we also have a solid competitor from Apple itself: *Aperture*.

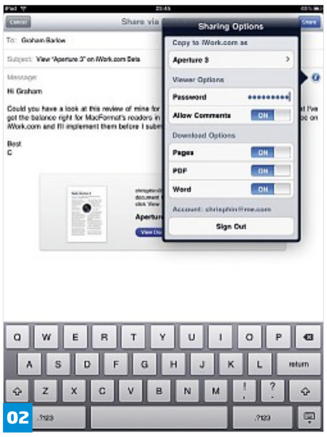
The timing of the release of *Aperture 3* is awkward. The next version of *Lightroom* is in public beta, but we think it's unfair to compare a beta release to a shipping product, so throughout this review, we'll be referring to the currently shipping version, *Lightroom 2*. (*Lightroom 3* promises, among other features, watermarking, richer printing and slideshow capabilities, a sophisticated noise reduction engine, and the ability to add convincing looking film grain.)

though there's nothing stopping you referencing the same masters from both apps – and frankly, we get the feeling Apple's cool with that. There are few Mac-using semi- and pro photographers in the world compared to the millions of potential sales from the existing *iPhoto* install base.

It's a shame that so little help is given to *Lightroom* switchers, however, as *Aperture 3* has a huge amount to offer. It inherits **Faces** and **Places** from *iPhoto*. The former mixes face detection and face recognition to tag people in your photos automatically, which is useful for enthusiasts and commercial photographers alike not only when browsing their libraries, but also when building, say **Smart Albums**.

01

[01] Pages is a competent page layout package, with text wrap, multiple columns and more.



To: Graham Barlow

Subject: View "Aperture 3" on iWork.com Beta

Message:

Hi Graham

Could you have a look at this review of mine for … I've got the balance right for MacFormat's readers in … be on iWork.com and I'll implement them before I sub…

Best
C

Copy to iWork.com as: Aperture 3

Viewer Options

Password: ●●●●●●●●●

Allow Comments: ON

Download Options

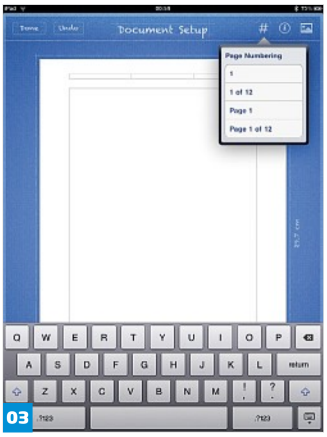
Pages: ON

PDF: ON

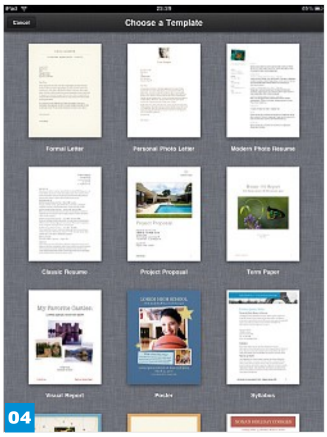
Word: ON

Account: chrisphin@me.com

[02] You can share documents through iWork.com, but it's by no means true file sync.



[03] The Document Setup screen is intuitive, and lets you easily add page numbers, for example.



[04] The default templates don't quite match the desktop version for sheer lushness, but they're good.

>> SPREADSHEET APP FOR iPAD

Apple Numbers

$10 (UK pricing TBA) Mobile spreadsheets can be useful and pretty…

PROS & CONS

- ⊕ Forms are terrific
- ⊕ Smart soft keyboard
- ⊖ Can't mail a version as Excel
- ⊖ Infuriating Mac 'sync'

VERDICT

★★★★☆

"Data analysis just got good on the iPad. Still, the iWork apps need a better file sync system."

When Apple introduced *Numbers* on the Mac, it did something nobody had dared attempt before: produce a spreadsheet app that reflects what people actually use spreadsheets for. Few people, we suspect, use *Excel* for high-level statistical and financial analysis, compared to those who think of it as an easy way to lay out a timetable or football fixtures list.

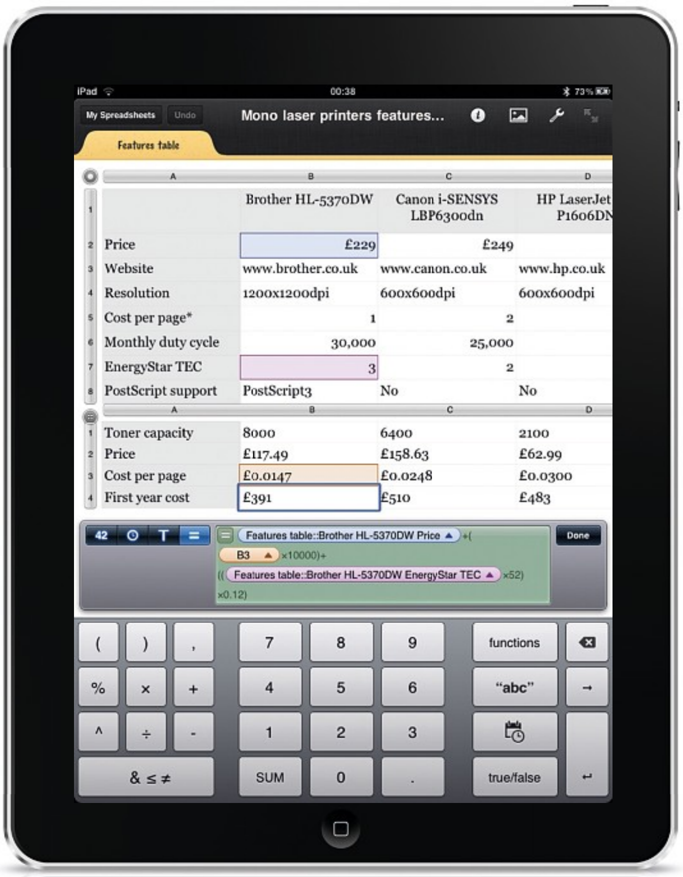
On the iPad, Apple has been similarly innovative, and *Numbers* is actually the most successful of the three iPad apps. Everything that makes *Numbers* good on the Mac is here; it's friendly, easy to use (once you find your way around the necessarily spartan interface) and tries as hard as it can to make the business of entering formulae unthreatening.

This is because the on-screen keyboard changes to reflect what task you're doing. Enter text, and it's a standard QWERTY keyboard; tell some cells that they're for dates, for example, and you'll get a special keyboard for picking dates; and when you're entering formulae, it changes again to help you do that. And it's possible to do some pretty sophisticated analyses with *Numbers'* formulae, especially since referenced cells aren't listed with grid references but are colour-coded and take on the correct names scraped from the column and row headers.

The genius of *Numbers* on the iPad, though, is its Forms. Tap the + tab at the top of the screen once you've created a table of information, and you have the option of creating a form (see screenshot 2) for easily entering information into that table. It turns your iPad into what feels like a big clipboard, with the added advantage that all your data is being recorded in a flexible, analysable way, and we can imagine it being tremendously useful in schools, clubs, sport associations and so on. It's also a possible competitor to *Bento* if your database needs are modest.

It suffers from the same infuriating round-tripping process for sharing files with a Mac that bedevils all the *iWork* apps and there's no way to email a version of your spreadsheet in *Excel* directly from the device; you'd have to save it on the Mac version of *Numbers*. At least *Numbers* documents seem to be more resilient in the translations when they're being punted back and forth between the Mac and iPad. **CP**

> *"It turns your iPad into what feels like a big clipboard – but your data is being recorded in an analysable way"*



iPad
00:38
73%
My Spreadsheets
Undo
Mono laser printers features...
Features table

	A	B	C	D
1		Brother HL-5370DW	Canon i-SENSYS LBP6300dn	HP LaserJet P1606DN
2	Price	£229	£249	
3	Website	www.brother.co.uk	www.canon.co.uk	www.hp.co.uk
4	Resolution	1200x1200dpi	600x600dpi	600x600dpi
5	Cost per page*	1	2	
6	Monthly duty cycle	30,000	25,000	
7	EnergyStar TEC	3	2	
8	PostScript support	PostScript3	No	No

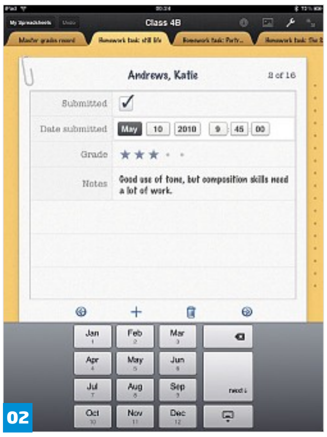
	A	B	C	D
1	Toner capacity	8000	6400	2100
2	Price	£117.49	£158.63	£62.99
3	Cost per page	£0.0147	£0.0248	£0.0300
4	First year cost	£391	£510	£483

= Features table::Brother HL-5370DW Price +(B3 ×10000)+ ((Features table::Brother HL-5370DW EnergyStar TEC ×52) ×0.12)

42
T
=
Done
(
)
,
7
8
9
functions
%
×
+
4
5
6
"abc"
→
^
÷
-
1
2
3
& ≤ ≠
SUM
0
.
true/false

01

[01] It's easy to create quite complex formulae thanks to Numbers' soft keyboard.



My Spreadsheets
Undo
Class 4B
Master grades record
Homework task: still life
Homework task: Party...
Homework task: The S
2 of 16
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
next

Andrews, Katie

Submitted ☑

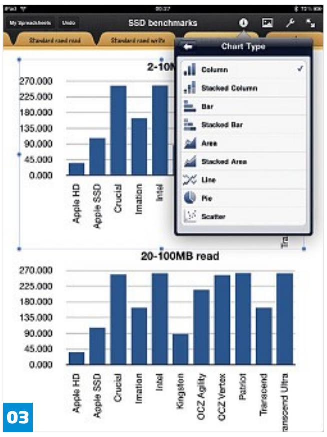
Date submitted May 10 2010 9 : 45 : 00

Grade ★★★

Notes Good use of tone, but composition skills need a lot of work.

02

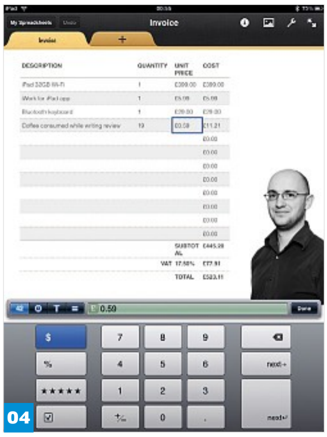
[02] Numbers' Forms are a great way to enter data into your spreadsheets.



My Spreadsheets
Undo
SSD benchmarks
Standard rand read
Standard rand write
Chart Type
Column ✓
Stacked Column
Bar
Stacked Bar
Area
Stacked Area
Line
Pie
Scatter
2-10M
270.000
225.000
180.000
135.000
90.000
45.000
0.000
Apple HD
Apple SSD
Crucial
Imation
Intel
20-100MB read
270.000
225.000
180.000
135.000
90.000
45.000
0.000
Apple HD
Apple SSD
Crucial
Imation
Intel
Kingston
OCZ Agility
OCZ Vertex
Patriot
Transcend
ranscend Ultra

03

[03] It can only do 2D charts, but they're actually pretty flexible.



My Spreadsheets
Undo
Invoice
Invoice
+
DESCRIPTION
QUANTITY
UNIT PRICE
COST
SUBTOTAL
VAT
TOTAL
0.59
Done
$
%
★★★★★
7
8
9
4
5
6
1
2
3
0
.
next

04

[04] You could use Numbers to create invoices, but it can't print them directly.

>> WEB BROWSER

Opera Mini

£FREE Can Opera top Safari as the iPhone's best web browser?

PROS & CONS

- ➕ Tabbed browsing
- ➕ Super fast
- ➖ Pages look ugly
- ➖ Poor zoom

VERDICT

★★★☆☆

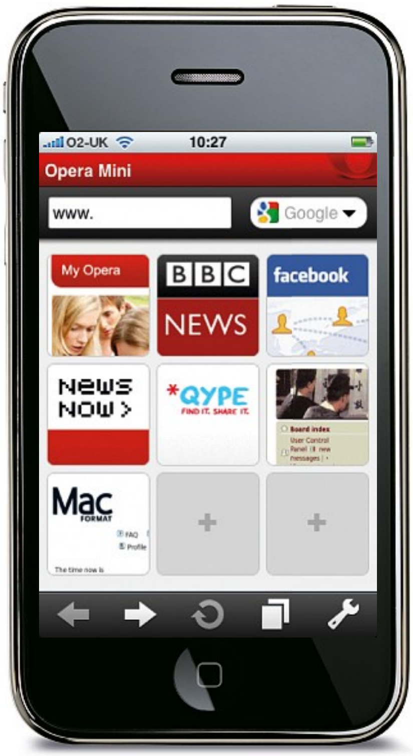
"Great for most web browsing, but not as elegant or consistent as Apple's Safari."

We joined the rest of the world in slack-jawed amazement when *Opera Mini* popped up on the App Store. Compared to *Safari*, it's like your iPhone has had a processor upgrade, especially over 3G, EDGE or GPRS. Pages load so quickly you will be amazed, but there have been some sacrifices made here.

First of all, there's only one level of zoom, so the web page either fills the screen or you zoom in to a fixed reading level. All text is rendered in the same font, making pages look a bit ugly. Scrolling up and down is also an issue. *Safari* forces your scrolling to be either vertical or horizontal; in *Opera Mini* it's more like ice skating for the first time – you never quite know where you're going to end up.

Opera Mini achieves its speed by routing all its web traffic through its servers in Norway, where images are heavily compressed, which also means it costs you less if you're on pay-as-you-go since less data is being downloaded. Unfortunately, it also means that sites detect your login as coming from somewhere that's not your usual location (unless you actually live in Norway). So Facebook, for example, freezes a UK account if you log in through *Opera Mini*.

Despite the flaws, there are a few nice features here beyond raw speed – the start page with its quick links, and a passable attempt at tabbed browsing – but we soon found ourselves returning to *Safari* when on Wi-Fi, just to make pages more readable again. **GB**



>> INTERNET RADIO

TuneIn Radio

Mac FORMAT Choice ★★★★★

£1.19 Tune in and turn on to 30,000 different radio stations

PROS & CONS

- ➕ Feature packed
- ➕ Recording functions
- ➕ Background playing...
- ➖ ...but not true multitasking

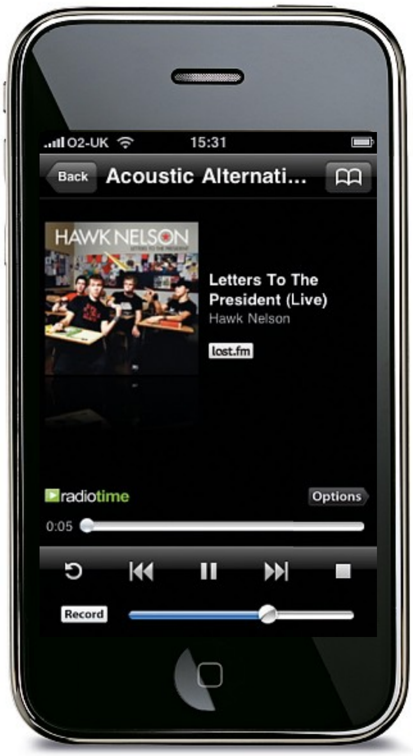
VERDICT

★★★★★

"A wonderful implementation of internet radio on the iPhone. Well worth every penny."

While there are plenty of internet radio apps for the iPhone, you'd be hard pressed to find one as fully featured as *TuneIn Radio*. Yet despite its bells and whistles, the interface doesn't feel cluttered – in fact it's very Apple-like, showing a logo for the station with a mirrored reflection which, when tapped, reveals artwork for your currently playing artist. It also makes it easy to browse stations by genre, bookmark your favourites, visit artist station for the current artist on LastFM or buy their music on *iTunes*. In addition, you can pause live streams for 30 minutes, rewind and fast forward, or record any station you like to listen to it later. You can set a station to wake you up in the morning, or you can get it to play in the background while you use other apps. *TuneIn Radio* gets around Apple's current multitasking ban by opening the stream in the *Safari* browser, which means you can't use *Safari* to browse while doing this. But the app does contain its own basic web browser.

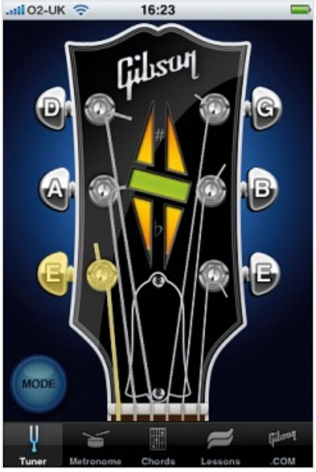
TuneIn Radio makes use of the Radio Time directory, with over 30,000 stations. At the same time it makes it easy to find the better stations. It also knows your location and can find local radio stations with ease. Playback on Wi-Fi, EDGE and 3G was flawless. At 59p, *Internet Radio Box* is cheaper and has almost as many features, but we prefer *TuneIn Radio*'s slicker interface. **GB**



>> GUITAR APP

Gibson Learn Guitar

£FREE Turn your iPhone into a tuning fork



This handy collection of guitar tools is produced by the world-renowned Gibson guitar makers. Unfortunately, what that really means is that it's an advert for Gibson's Learn & Master Guitar online courses – you get a few sample videos from the series as part of the app, together with a metronome and some simple chord shapes as a reference, but the real value here is found in the Guitar Tuner. It can work in chromatic mode, or in a simple mode where you just click on the guitar string you're trying to tune. It also contains options for standard tuning (EADGBE) or more exotic open string tuning. Given it's free, it's a handy tool to have knocking around on your iPhone. **GB**

VERDICT
★★★☆☆
"Partly an advert, but the tuner is quite useful."

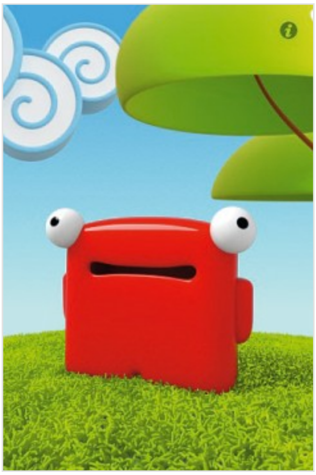
>> KIDS' APP

Talking Carl

59p Carl just hasn't learned to shut up

Some kids' iPhone apps provide real educational benefit and make you feel good as a parent, proud that your Apple device has put your child ahead of the game. Then there are apps like *Talking Carl*. That's not to say it's a bad app, it's just puerile – but in the best sense.

Carl is a little red… thing. You can tickle him to make him laugh or poke him in the eye to make him scream, but the real fun here is that whatever you say to him he repeats back to you in a silly voice. Your kids will love it and get progressively louder as they start to shout, then scream things at Carl. And you, dear parent, will grow to hate it in equal measure. Still, at least they're happy. **GB**

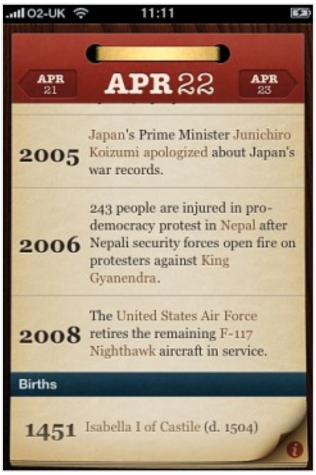


VERDICT
★★★☆☆
"Complete nonsense, but kids will undoubtedly love it."

>> REFERENCE

On this Day

£FREE What happened on this day in history?



2005 Japan's Prime Minister Junichiro Koizumi apologized about Japan's war records.

2006 243 people are injured in pro-democracy protest in Nepal after Nepali security forces open fire on protesters against King Gyanendra.

2008 The United States Air Force retires the remaining F-117 Nighthawk aircraft in service.

1451 Isabella I of Castile (d. 1504)

Sophia Teutschler makes beautiful-looking iPhone apps; we featured her *Articles* app for browsing Wikipedia through an elegant interface last issue. *On This Day* is another Wikipedia-based app, this time focusing on squeezing every last drop of juice from Wikipedia about what happened on this day in history. The interface enables you to click through from each event, birth or death to the related article on the Wikipedia website.

It's actually a fun way to learn more about the world, since rather a lot has happened in the course of recorded history – much of it you'll never have heard of before. But bear in mind that the source is Wikipedia, so cross-check all those facts before quoting! **GB**

VERDICT
★★★★☆
"A beautifully executed, informative iPhone app."

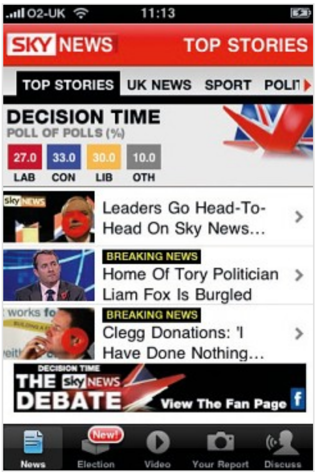
>> NEWS

Sky News

£FREE News – as Mr Murdoch envisioned

Due to BBC Trust issues the BBC's iPhone app, bizarrely, isn't available to UK residents yet, but the *Sky News* app is. So we thought we'd check it out. It's definitely been hit with the ugly stick in terms of design, and there's a big advert for Sky Mobile TV on the front page, but it's easy enough to navigate, with Top Stories heading things up with other categories including Sport, Politics and Strange! accessible from a scrolling bar.

Sky has utilised its TV tie-ins well, with video available to go with most of the stories, and there are also special bulletins. If you you don't mind your news in video – straight from Murdoch's empire – then this is the app for you. **GB**



Leaders Go Head-To-Head On Sky News…

Home Of Tory Politician Liam Fox Is Burgled

Clegg Donations: 'I Have Done Nothing…

VERDICT
★★★☆☆
"Good for those that like video-heavy news."

SUBSCRIBE

>> INTERNATIONAL SAVINGS AND WELCOME GIFT

Subscribe to MacFormat

and get yourself a MacFormat-branded USB flash drive filled with 13 back issues as PDFs!

Our newly updated *MacFormat*-branded USB provides you with content from 13 back issues, meaning you never again have to hunt through old magazines looking for that must-read article. Or simply use it for storing your own files!

All your Apple needs
Mac
FORMAT

FANTASTIC WELCOME GIFT!
This USB flash drive contains 13 complete issues of the UK's best-selling Mac magazine

>> WHY SUBSCRIBE?

- Get every issue delivered to your home or workplace wherever you are in the world!
- Get 13 issues a year of troubleshooting advice and reviews of all the latest Apple kit
- Never miss an issue!
- Get exclusive access to our subs-only area on the *MacFormat* website, giving you unlimited access to the *MacFormat* archive

All your Apple needs
Mac FORMAT
20 GREAT MAC, iPOD & iPHONE TIPS AND TRICKS!
Do the things Apple won't let you do! p58
Power up iTunes
Add unmissable extras to your Mac's favourite media player!
84 PAGES OF ADVICE!
Add class to your photos
Quickly find iMovie clips
Better ways to use OS X
THE LATEST KIT REVIEWED
Games are back!
Secure your Mac
iWork on the iPad
techradar.com

>> MACFORMAT PRICES**

Europe pay £79.20 saving 54%

Rest of world pay £90

www.myfavouritemagazines.co.uk/mfc/p114

or call +44 1858 438794 quoting code p114

From the USA or Canada?

USA & Canada pay $129.99 saving 37%

www.imsnews.com/macformat-a035

or call our hotline TOLL FREE on 1-800 428 3004 quoting code a035

Terms and Conditions

**ROW do save money, but have no set newsstand price therefore we can't advertise amount saved. UK, EU & ROW pay GBP. USA & Canada pay USD. Minimum subscription term is 12 months. Your subscription will start with the next available issue. You will receive 13 issues of *MacFormat* a year. If at any time during the next 60 days you are dissatisfied in any way, please notify us in writing and we will refund all unmailed items. Offer ends 30th July 2010.

>> PEOPLE SIM FOR iPHONE/iPOD TOUCH

The Sims 3 World Adventures

£4 Nurture your pocket Sims and even prepare them for journeying to the four corners of the world

PROS & CONS

- ⊕ Exotic locations
- ⊕ Standalone game
- ⊕ Classic Sims gameplay
- ⊖ Earning money is a chore

VERDICT

★★★★☆

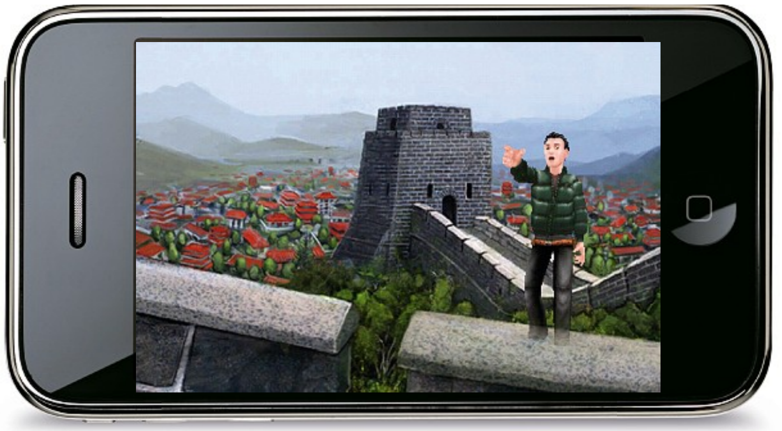
"An excellent casual Sims experience with broader than usual horizons."

[01] Touch down in Egypt and you can head off to see the pyramids, the Sphinx, or even explore some ruins.

[02] If you want to learn a foreign language, you'll need to play one of these simple minigames.

Unlike its desktop counterparts, *The Sims 3 World Adventures* is not an expansion requiring the original game, but a standalone title in its own right. As such, we would recommend new gamers to ignore the first game as this is a much more rounded experience.

The idea here is that your Sim can break the shackles of its household and local neighbourhood in order to seek fortune and fun in various locations around the world. The three exotic locations on offer are China, Egypt and France. The player has enough Simoleons (currency) to jet straight off to foreign parts if they want, but the money soon runs out, so it's worth sticking to your home turf initially and doing some more traditional Simming. This of course involves getting a job, making friends, extending your house, washing, eating and using the toilet… which is all very mundane but casually entertaining nevertheless.



On a sightseeing tour to the Great Wall of China, you get to see great views and learn interesting facts.

Later, as tasks are offered to you (sleep in a friend's bed, visit the Great Wall of China, kick over a dustbin and so on) you can either opt to lock them in as firm goals or simply let them pass you by and get on with the chores.

Heading off to distant places is as simple as leaving your house to access the town map, then heading off to the airport to buy a ticket. During the flight your Sim will experience turbulence and in order to avoid air sickness, you must take part in an exceptionally dull minigame. Succeed, however, and your little person will arrive at the destination thoroughly refreshed and ready to explore.

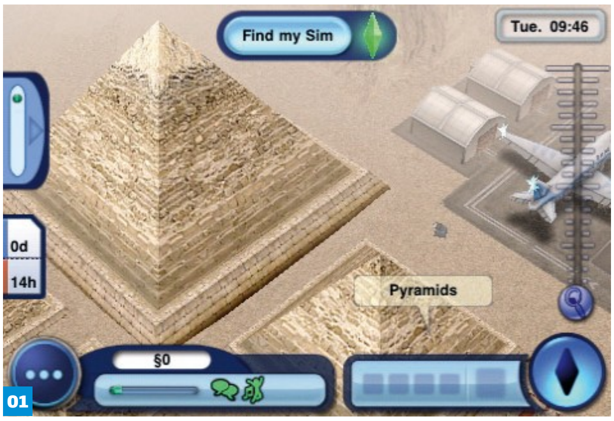
Sims on tour

In foreign locations there's a wealth of stuff to do. Here, as at home, you can make friends, go shopping and so on, but you can also choose to learn a foreign language or explore some old ruins, success in such endeavours being achieved by playing and winning a simplistic minigame. Alternatively, perhaps the tourist in you will lead to visiting great monuments such as the Pyramids and the Eiffel Tower, at which point you'll be treated to a delightful cut-scene and history lesson.

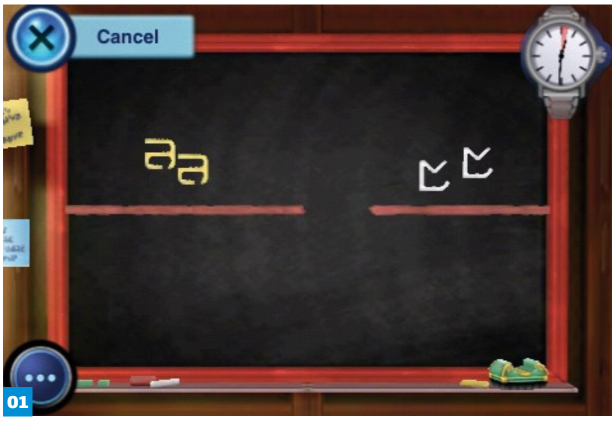
As in real life, travelling isn't necessarily all fun and games. Don't forget that there are unscrupulous people out there. Our Sim's first trip abroad brought him into contact with a nice couple who wanted his help to take a photograph, at which point they mugged him for all his money and he ended up starving to death. Which just reinforces the importance of having a job nailed down so you can regularly top up your financial reserves.

"All the fun, frolics, trials and tribulations are what makes World Adventures such a pleasing experience as a casual iPhone game"

All the fun, frolics, trials and tribulations are what makes *World Adventures* such a pleasing experience and the Sims formula works well as a casual iPhone game. The only slight misstep is that while, for the most part, this is a game that's fun to dip in and out of, actually accruing the money necessary for a full globe-trotting experience is pretty time-intensive. Perhaps future releases could feature some get-rich-quick schemes or betting shops to keep things moving at a more bracing pace. **AD**



01

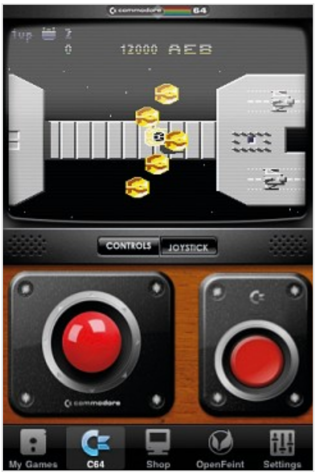


01

>> EMULATOR

Commodore 64

£FREE If you're under 25, you might not get it…



VERDICT
★★★★☆
"A stable and enjoyable C64 emulator with a growing retro games library."

Look at the App Store ratings and this particular widget is getting an undeserved kicking from people who don't know any better. It's a Commodore 64 emulator that's free to download and comes with a handful of games thrown in. It also has a built-in store from which you can buy additional classic 80s C64 games for 59p each.

The emulator itself is nicely implemented with full-screen landscape mode and a vertical mode with a small screen and a joystick-shaped icon controller. The controls can be a bit fiddly but the games are perfectly playable, totally authentic and, frankly, anything that allows you to play *Uridium* and *Nebulous* on the bus to work gets our vote. **AD**

>> ARCADE

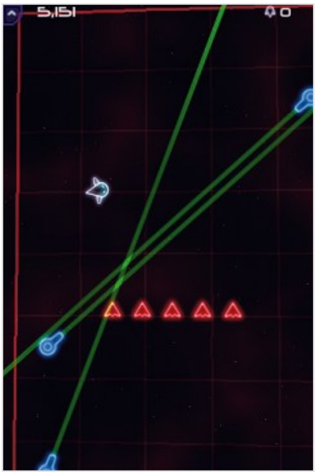
Spirit

59p Suck enemies into another dimension

Like *Vector Tanks*, reviewed last month, this is another great vector-based game, which serves to reinforce our theory that any game with old-school vector graphics is automatically a winner on the iPhone or iPod touch.

Spirit sees the player dragging a little vector ghost around the screen, creating loops around enemies in order to trap them in a destructive bubble. Enemies have varying shapes and movement characteristics, making trapping them increasingly difficult as wave after wave of neon assailants litter the screen.

It's clever, cool, extremely tough and your little ghost even adds a bit of cuteness to the mix. What's not to like? **AD**



VERDICT
★★★★☆
"A simple premise superbly implemented. Another indie gem for your touch screen."

>> VIRTUAL ANGLER

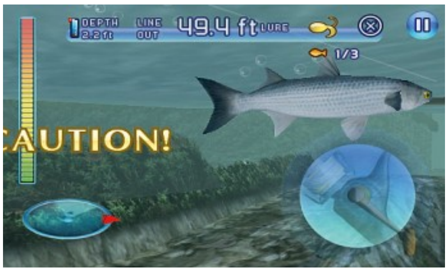
Fishing Kings

£1.79 Don't mix your maggots with your butties

VERDICT
★★★★☆
"There's plenty of fishing fun to be had in this great little virtual angler."

Fishing is a wonderful thing, but in theory, a videogame of the sport should be the dullest grind in the world. Not so. Like golf, fishing games are bizarrely compelling and *Fishing Kings* is a pretty good addition to the proud tradition of virtual angling.

After choosing your angler you wander out to a picturesque stretch of water to take part in competitions, thus unlocking new items of tackle, earning fish bucks for upgrades and opening up fishing venues. Casting out and wrestling with fish is achieved by waggling the phone; reeling in takes a swirl of the thumb. Hitting your angling goals is, oddly, a hugely satisfying experience. **AD**



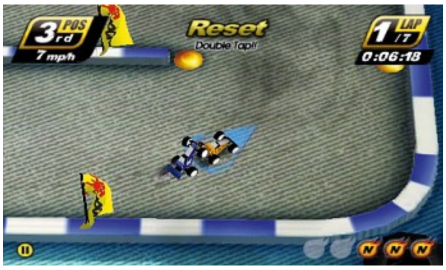
>> RACING

Touch Racing Nitro

£2.39 Gentlemen, start your, er, fingers

Ever since playing Atari's arcade coin op *Super Sprint* back in the 80s, top-down racers have held a special place in our hearts, so it's good to see a half-decent, pacey little variation on the theme come to the iPhone.

But it's not perfect. The bizarre control system will initially put a few people off. Your car heads in the direction of wherever your finger is pointing. This makes it difficult to see what's going on until you discover it's much better to simply use alternate thumbs at the sides of the screen, then it all falls into place. The cars are nippy, you can unlock stuff as you go along and there are ramps on each course to make things less run-of-the-mill. **AD**



VERDICT
★★★★☆
"Get past the odd control system and this is a fun and zippy challenge."

The Mac is renowned for its publishing heritage, but what can its software offer the DTP newcomer?

Illustration by A.k.A.

Budget DTP software

Rod Lawton finds out if professional-quality layouts are possible with budget desktop publishing software

Desktop publishing was one of the things that made the Mac famous, putting professional publishing tools in the hands of ordinary users. Since then, sophisticated word processors and the increasing crossover with design and illustration tools has blurred the boundaries. But if you want to create a newsletter for a club or a brochure for a business, a desktop publishing app is still the way to go.

Why? Because word processors are fine up to a point, but they place too much emphasis on text and not enough on design. It's easy enough to design a book or a manual with a basic layout, but much harder to start with a fixed layout and page count and then work your way back. (*Pages '09* is the exception, which is why it's been included in our group test.)

In contrast to graphics apps such as *Elements* or *Photoshop*, desktop publishing software gives the text and the graphics equal priority. It lets you link the contents of pages but still gives you a blank canvas to work with. You can add graphics and flow text over and around them to suit your design, and all the elements on your pages act as discrete objects which can be positioned at will.

> "Word processors are fine up to a point, but they place too much emphasis on text and not enough on design"

This is how high-end apps like *InDesign* work, but you don't have to pay top dollar to achieve similar results. The six apps reviewed here all offer comparable tools at a fraction of the price - and often make the job a whole lot easier into the bargain.

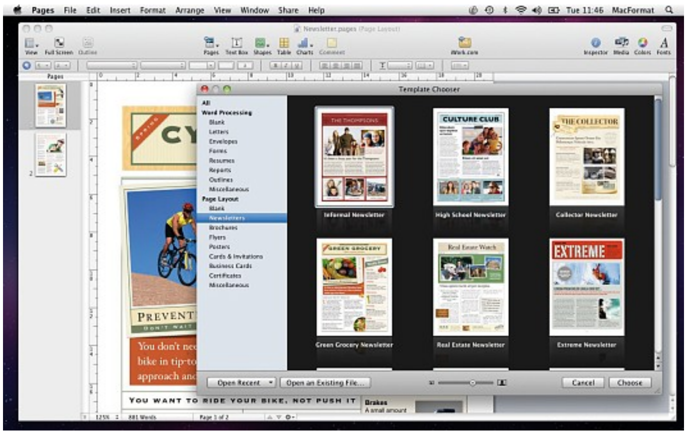
DID YOU KNOW THIS?

Did you know that you can create an electronic PDF version of any document using OS X's Print dialog? It doesn't matter what the application or the file is - if you can print it, then you can PDF it.

BUDGET DTP SOFTWARE / At a glance

iStudio
Swift Publisher

	Apple Pages '09	Desktop Publisher Pro	iCalamus 1.2	iStudio Publisher	Scribus 1.3.5	Swift Publisher 2
Price	£71	£13	£113	£35	Free	£29/£33 Standard/Retail
Manufacturer	Apple	Crystallight	Invers Software	c:four	Open source	BeLight Software
Website	www.apple.com/uk	www.cristallight.com	www.icalamus.net	www.istudiopublisher.com	www.scribus.net	www.belightsoft.com
Master pages	Yes	Yes	Yes	Yes	Yes	Yes
Text styles	Yes	Yes	Yes	Yes	Yes	Yes
Templates	180	48	0	30+	4	90/130
Clip-art	0	0	0	0	0	1,100/24,000
iPhoto integration	Yes	No	Yes	No	No	Yes


Pages
Template Chooser
Informal Newsletter
High School Newsletter
Collector Newsletter
Green Grocery Newsletter
Real Estate Newsletter
Extreme Newsletter
Open Recent
Open an Existing File...
Cancel
Choose

Pages '09 makes desktop publishing simple for beginners with scores of ready-made layouts.

»TEST ONE

Ease of use

How easy is it to get started and produce good results?

Pages and *Swift Publisher* combine text, photos, clip-art and custom shapes in a fast and intuitive way. Both apps make it easy to get started thanks to their bundled templates, but both also offer a great deal of design finesse and flexibility for those who choose to dig deeper.

iStudio Publisher isn't far behind, and while it does start you off with a blank canvas and some complex-looking tools, they're well explained and there are some good templates online. Designers looking for a more precise, classical approach to desktop publishing will like *iCalamus*. It drops you in at the deep end with a big set of tools and a blank sheet of paper, but it's direct and precise. *Scribus* takes the same approach, but the documentation is sparse and the software is slow to respond and occasionally a bit flaky.

Desktop Publisher Pro is a bit of a disaster. Its templates are dated and amateurish, and the tools and the interface belong to another era. Also, the online help is sparse.

»TEST RESULTS

Apple Pages '09	★★★★★
Desktop Publisher Pro	★☆☆☆☆
iCalamus 1.2	★★★☆☆
iStudio Publisher	★★★★☆
Scribus 1.3.5	★☆☆☆☆
Swift Publisher 2	★★★★★

»TEST TWO

Feature richness

Will your creativity be stimulated or hindered?

Pages is strong on graphics features, thanks to its preset and custom shape tools, text effects and flexible photo tools. It's integrated with both *iPhoto* and *Aperture* via the media panel, and you can insert sophisticated tables and charts.

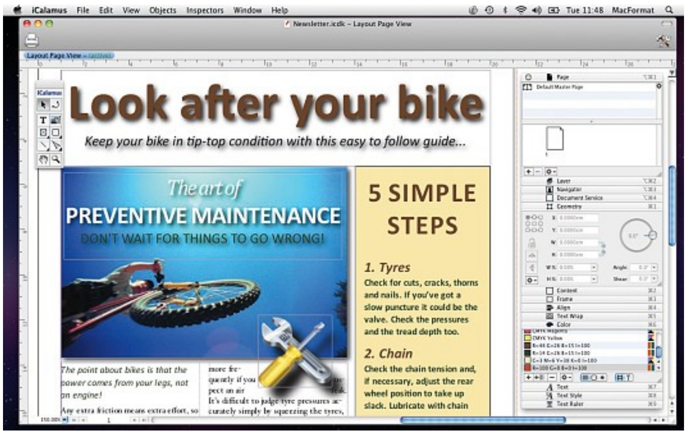
Swift Publisher can't match all of these features, but it is integrated with Belight's own *Art Text* app and a free *Image Tricks* tool for a range of effects. *Swift Publisher*'s layouts can be just as graphic-rich as those in *Pages*, and the text-handling options are equally good.

iStudio Publisher is very strong on drawing tools and has the ability to run text along a path. When the planned clip-art and *iPhoto* integration arrive, it'll be a real contender.

iCalamus and *Scribus* are very good for text-handling and grid-style layouts, but you'll need the help of an external graphics app for proper design effects. *Desktop Publisher Pro* is fair at text handling and text effects, but its graphics tools are basic.

»TEST RESULTS

Apple Pages '09	★★★★★
Desktop Publisher Pro	★★☆☆☆
iCalamus 1.2	★★★☆☆
iStudio Publisher	★★★★☆
Scribus 1.3.5	★★☆☆☆
Swift Publisher 2	★★★★★


iCalamus
Newsletter.icdk – Layout Page View
Look after your bike
Keep your bike in tip-top condition with this easy to follow guide...
The art of
PREVENTIVE MAINTENANCE
DON'T WAIT FOR THINGS TO GO WRONG!
5 SIMPLE STEPS
1. Tyres
2. Chain

Classic DTP apps like iCalamus have high-end publishing tools but limited graphics effects.

» MASTERS AND STYLES / Consistency is the key to great design

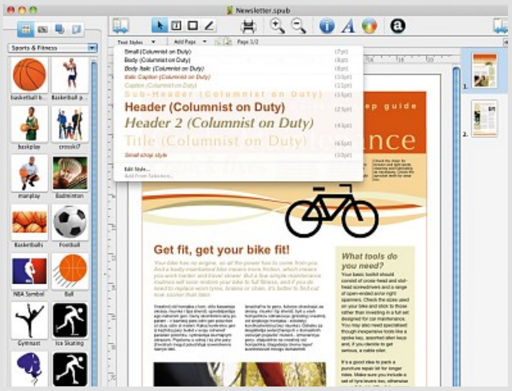
It's not hard to spot the difference between professional and amateur designs. One of the biggest factors is consistency.

A professional design looks planned and cohesive, while an amateur one looks like a random splattering of fonts, colours and boxes. Desktop publishing programs offer two ways to get this consistency: master pages and text styles.

Master pages are like basic templates. Everything you put on the master page appears in the background of any document pages you base on it. This can include headers and footers, page numbers, logos, publication titles and column guides.

Text styles apply a specific combination of font, size, style, colour and paragraph attributes to your test. They're a way of making sure the sub-heading on one page looks the same as the sub-heading on the next, and they enable you to make global changes to your text styles.

Time spent setting up master pages and text styles at the start is more than worth it. You'll get better-looking documents which are also much faster to work with.


Newsletter.spub
Sports & Fitness
Header (Columnist on Duty)
Header 2 (Columnist on Duty)
Title (Columnist on Duty)
Get fit, get your bike fit!
What tools do you need?

»TEST THREE

Included content

Templates and clip-art can can give you a kick-start

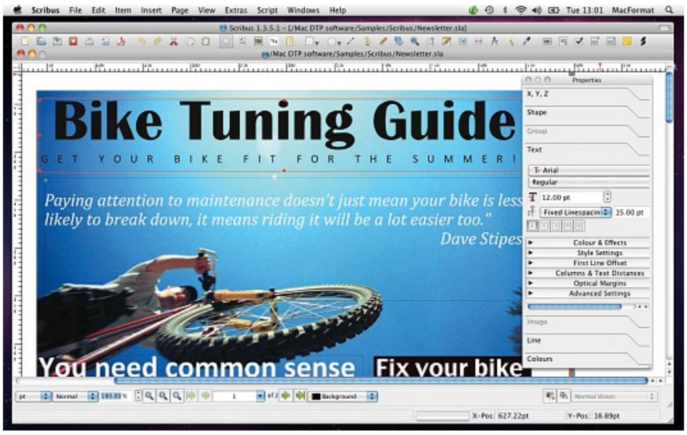
A cursory glance at these programs might suggest that *Pages* wins in this category, thanks to its wide selection of high-quality, contemporary templates. But hold on, because *Swift Publisher* runs it a close second for templates, and goes where *Pages* doesn't, with an integrated clip-art library and custom image masks. Two things can stop you in your tracks with DTP: the 'blank page' syndrome and finding images to fit your publication. *Pages* solves one, but *Swift Publisher* solves both.

This sets *Pages* and *Swift Publisher* apart from the rest, though *iStudio Publisher* has some good templates organised on the software developer's website.

Desktop Publisher Pro's templates appear numerous at first, but turn out to be extremely simplistic and lacking any kind of content, just pre-configured content placeholders. *iCalamus* and *Scribus* opt out altogether – they provide the tools, but it's up to you to provide all the content.

»TEST RESULTS

Apple Pages '09	★★★★☆
Desktop Publisher Pro	★★☆☆☆
iCalamus 1.2	★☆☆☆☆
iStudio Publisher	★★★☆☆
Scribus 1.3.5	★☆☆☆☆
Swift Publisher 2	★★★★★


Scribus
File
Edit
Item
Insert
Page
View
Extras
Script
Windows
Help
Tue 13:01
MacFormat
Properties
X, Y, Z
Shape
Group
Text
Colour & Effects
Style Settings
First Line Offset
Columns & Text Distances
Optical Margins
Advanced Settings
Image
Line
Colours

Bike Tuning Guide

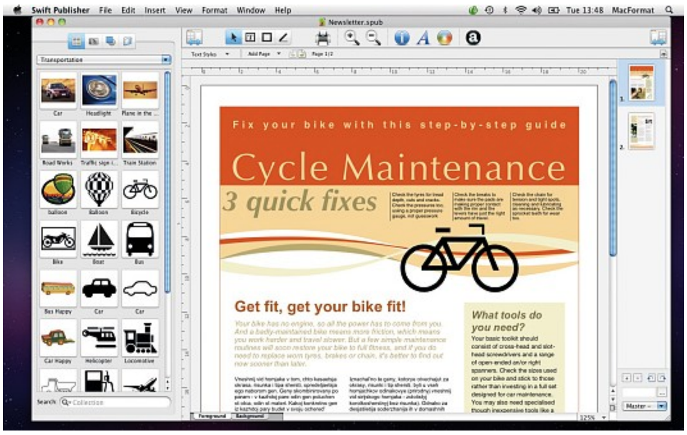
GET YOUR BIKE FIT FOR THE SUMMER!

Paying attention to maintenance doesn't just mean your bike is less likely to break down, it means riding it will be a lot easier too." Dave Stipes

You need common sense

Fix your bike

Scribus is free, but only if you discount the time and effort you'll need to put into it.


Swift Publisher
File
Edit
Insert
View
Format
Window
Help
Tue 13:48
MacFormat
Newsletter.spub
Transportation
Car
Headlight
Balloon
Bicycle
Bike
Boat
Bus
Car
Helicopter
Locomotive

Fix your bike with this step-by-step guide

Cycle Maintenance

3 quick fixes

Get fit, get your bike fit!

What tools do you need?

Swift Publisher 2 trounces the rest for content by including a terrific clip-art collection.

»TEST FOUR

Value for money

It isn't about price, but what you get for your cash

Scribus is free! But – it's too awkward to use and too limited to be worth using at all, regardless of price, when the competition is so much better.

First place for value goes jointly to *Pages* and *Swift Publisher*, with an honourable mention for *iStudio Publisher*. *Pages* is most expensive, but you're also getting excellent word processing, spreadsheet and presentation apps. If all you want is desktop publishing tools, though, *Swift Publisher* is half the price and comes with lots of great clip-art.

That just leaves *iCalamus* and *Desktop Publisher Pro*. *iCalamus* is an old-school DTP program with the bare-bones efficiency of *QuarkXpress* at a fraction of the price. But it's not a small enough fraction, and £113 seems rather a lot when you compare *iCalamus* with the others. *Desktop Publisher Pro* is dirt-cheap by comparison, but so it should be. It might have been competent enough in its time, but now it's just a relic, and is unattractive even at just £13.

»TEST RESULTS

Apple Pages '09	★★★★★
Desktop Publisher Pro	★☆☆☆☆
iCalamus 1.2	★★★☆☆
iStudio Publisher	★★★★☆
Scribus 1.3.5	★★★☆☆
Swift Publisher 2	★★★★★

»THE WINNER / Swift Publisher 2

Pages is both a word processor and a page layout tool, and the differences can become a little foggy as a result. While it has lots of great templates, its lack of clip-art is a real drawback. This is where *Swift Publisher* scores. The simple, intuitive and effective layout tools are just part of the equation. The other is the ready-made content, which makes all the difference when you're trying to turn out good-looking designs quickly.

Swift Publisher 2 also combines *iPhoto* integration with an extensive clip-art library - but make sure you get the 'Retail' rather than the Standard version. It only costs a few pounds more, but it comes with 24,000 clip-art images rather than the Standard version's 1,100.

»FINAL RESULTS

Apple Pages '09	★★★★⯪
Desktop Publisher Pro	★★☆☆☆
iCalamus 1.2	★★⯪☆☆
iStudio Publisher	★★★⯪☆
Scribus 1.3.5	★★☆☆☆
Swift Publisher 2	★★★★★

Join a club!
Get you
sition right
Riding free
Mac FORMAT Winner!

WHICH SMARTPHONE?
Choose the best phone at the best price

Phones@TechRadar is packed with the UK's most comprehensive independent smartphone reviews. And when you've decided which one's best, you can find the latest deals from over 100,000 options at our online store.

techradar.com
Deep into technology

Visit techradar.com/phones today

"The new Core i7 MacBook Pro is the fastest Apple notebook yet"

>> MACBOOK PRO P117

HOW TO BUY

How to buy a new Mac 114
Choose the right Mac 116
What about an iPhone or an iPad? 118
Choosing an iPod 120

TOP GEAR

Keyboards & mice 122
Printers & All-in-ones 122
Displays 122
Speakers 122
Digital cameras 123
Digital video cameras 123
Routers/networking 123
Storage 123
Home office 124
Visual tools and layout 124
Games 124
Multimedia software 124

Buyers' Guide

- DESKTOPS
- LAPTOPS
- iPADS
- iPODS
- iPHONES

Graham Barlow
Editor

The big news this issue is the arrival of the exciting new MacBook Pros with Core i7 and Core i5 processors. The 15-inch 2.66GHz Core i7 model is particularly tasty if you absolutely must have the fastest MacBook Pro the world has ever seen.

The new MacBook Pros' speed is not just about the gigahertz – there are brand new technologies that the new processors make possible, giving them a real performance boost.

You can find out more in our review on page 86 this issue. It's exciting stuff.

Of course, the iPad is launching in the UK at the same time as this issue is on sale. Prices have been announced, starting at £429 for the 16GB Wi-Fi version and £529 for the 16GB Wi-Fi + 3G version. The starting price is more than I expected Apple to launch the iPad at, but on the positive side, the 64GB Wi-Fi version costs less than I expected it to, at £599.

>> BUYING ADVICE YOU CAN TRUST

Our mission is to ensure that when you buy a Mac-related product, you are completely informed about its best and worst features. We have a cast-iron policy of editorial independence. **For the latest prices and full review see the TechRadar URL listed next to each review.**

How to buy a new Mac

Not sure which Mac to buy? We'll help you choose!

» DID YOU KNOW THIS?

The latest release of the MacBook Pro introduces Intel's new Core-i series of processors throughout the 15-inch and 17-inch range. The 2.66GHz Core i7 model is Apple's fastest notebook.

The iMac range currently comes in just two screen sizes – 21.5-inch and 27-inch.

The Mac Pro is the most configurable Mac. There's almost too many options!

Apple sells its products every which way at once. You can buy a Mac direct from the online Apple Store (**http://store.apple.com/uk**); from one of the growing number of bricks-and-mortar Apple Stores around the country; from official 'Apple shops' within department stores, staffed by certified Apple Solutions Consultants; and from hundreds of independent Apple Authorised Resellers and Premium Resellers, variously selling online, on the high street or both.

The bigger independents buy direct from Apple, while others go through a network of distributors, listed at **www.apple.com/uk/buy/distributors**. Given this range of outlets, shopping around for your Mac could save you money – but probably not very much. There simply isn't much profit margin for independent dealers to knock off. The Mac's popularity means Apple doesn't have to leave a big gap between its wholesale prices and Apple Store prices – effectively the minimum and maximum level at which retailers can sell their wares.

Authorised Resellers may knock a few pounds off Apple Store prices, and can also sell you other kit at competitive prices. Although you may find fractionally lower prices online, by choosing a local dealer you could get the benefit of trying before you buy and having someone on hand to answer questions. Either way, Mac resellers tend to be very knowledgeable and keen to help.

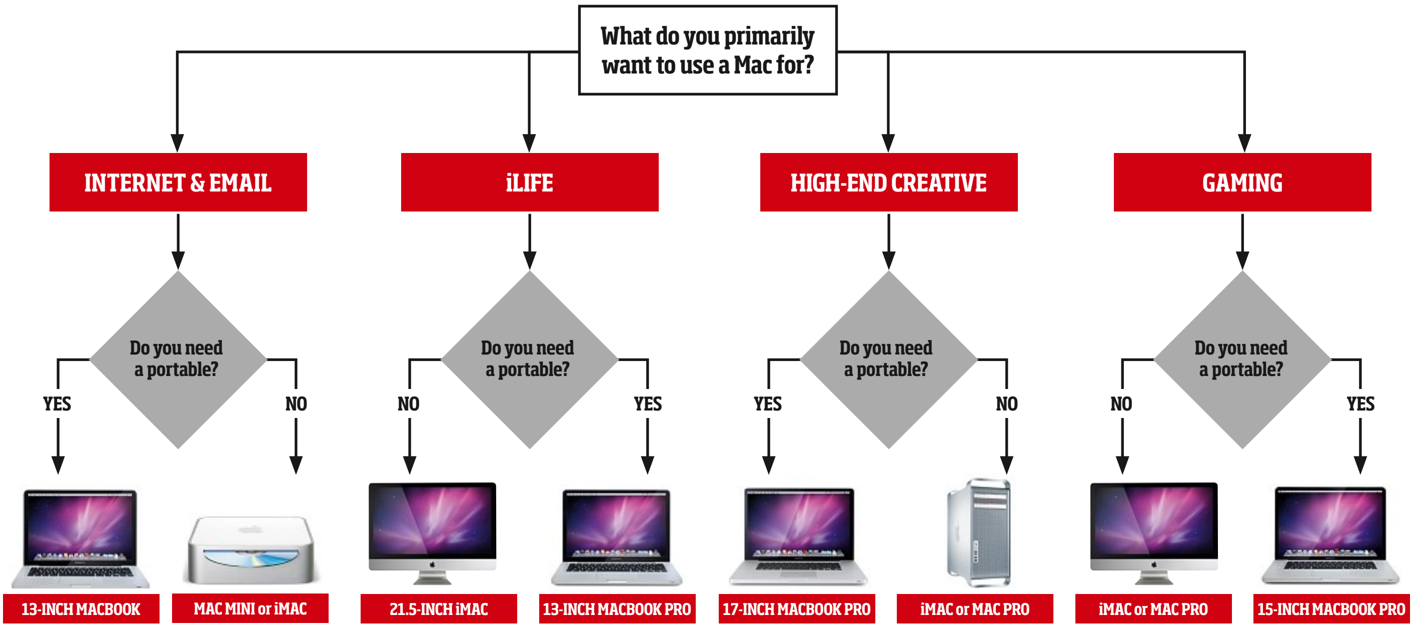
There are a couple of other ways to cut the cost of a new Mac. Business buyers can save a fortune by reclaiming the VAT and offsetting the purchase against tax. If you're not eligible, you may still qualify for a discount from Apple. Any student or teacher can get special pricing, as listed at **www.apple.com/uk/education/store**. That includes schoolkids. The reductions aren't huge, but they're worth having: for example, a dual-core 27-inch iMac lists for £1,295, compared to the regular price of £1,378. Authorised Resellers can access these special rates and may even shave a bit more off for you.

> *"Authorised Resellers may knock a few pounds off Apple Store prices, and you can also sell you other kit at competitive prices"*

To help you find the cash, Apple also offers financing options. For consumers, this spreads the payments, though you do pay interest. For businesses, flexible leasing knocks more off your tax bill and lets you upgrade your hardware – and indeed software – when necessary without spending big chunks of capital. You can find out plenty more at **www.apple.com/uk/financing**.

Your budget will stretch even further with clearance, refurb and second-user deals. If you can suppress your envy of marginally newer, shinier kit, the best time to shop for a Mac is

CHOOSING A MAC / WHICH ONE IS RIGHT FOR YOU?


What do you primarily want to use a Mac for?
INTERNET & EMAIL
iLIFE
HIGH-END CREATIVE
GAMING
Do you need a portable?
YES
NO
13-INCH MACBOOK
MAC MINI or iMAC
Do you need a portable?
NO
YES
21.5-INCH iMAC
13-INCH MACBOOK PRO
Do you need a portable?
YES
NO
17-INCH MACBOOK PRO
iMAC or MAC PRO
Do you need a portable?
NO
YES
iMAC or MAC PRO
15-INCH MACBOOK PRO

just after Apple brings out new models. Wander down to John Lewis and you're quite likely to find the last of the old range with three-figure reductions. Do check the specs against the incoming versions, which will offer more for the same original price, but at the bottom end of the range you could pay less than the current entry-level for a perfectly good machine. Anywhere that holds Macs in stock is similarly worth a raid, and online retailers also have clearance bins.

The MacBook is so powerful, choosing between it and a MacBook Pro can be difficult.

Slicing the Apple

Apple itself has a surprisingly little-known online bargain basement at http://store.apple.com/uk/browse/home/specialdeals/mac. It's a treasure trove of cut-price kit, with some clearance items and many described as 'refurbished'. This usually means someone's bought a Mac, then changed their mind or found a problem and sent it back. Industry insiders tell us these returns often have absolutely nothing wrong with them, and in any case they're fully tested and any faults fixed before they're resold. They're guaranteed for a full year and extendable up to three years via AppleCare.

"Apple itself has a surprisingly little-known online bargain basement that's a treasure trove for cut-price Macs and iPods"

Besides deciding who to buy from, there's the tricky question of which Mac to pick. You can have a MacBook, MacBook Pro, MacBook Air, Mac mini, iMac or Mac Pro. Within each range are several standard models, plus all of the built-to-order options, adding up to hundreds of possibilities.

By comparing the prices of different configurations – easily done at http://store.apple.com/uk – you can suss out the best value. For example, the entry-level 21.5-inch iMac is a bargain at £969. If you want a higher spec, the next option doubles the hard disk space and adds a more powerful graphics card – but at £256 extra, you'd really have to want that graphics card. But hang on: you're not limited to the preset models. By clicking the Select button, you can tweak the specs to create your own Mac. The only downside is that you'll need to allow a week or two for your own personal Mac to arrive. Just think of it as an exercise in delayed gratification.

DID YOU KNOW THIS?

If goods are unfit for their purpose, not as described or unsatisfactory, you can and should 'reject' them and ask for a full refund.

How to choose the perfect Mac

Let us help you make the right purchase. Here are your options…

iMac

Updated October 2009

21.5-inch 3.06GHz

£969

- 3.06GHz Intel Core 2 Duo
- 21.5-inch glossy widescreen (1,920x1,080 pixels)
- 4GB RAM (2x 2GB DDR3 SDRAM) • 500GB hard drive
- 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • NVIDIA GeForce 9400M with 256MB DDR3 memory • 4x USB 2.0 ports; 1x FireWire 800; 1xSD card
- Ships with Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

27-inch 3.06GHz

£1,378

- 3.06GHz Intel Core 2 Duo
- 27-inch glossy widescreen (2560x1440 pixels)
- 4GB RAM (2x 2GB DDR3 SDRAM) • 1TB hard drive
- 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • ATI Radeon HD 4670 graphics, 256MB DDR3 memory • 4x USB 2.0 ports; 1x FireWire 800; 1xSD card; video-in port • Ships with Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

21.5-inch 3.06GHz

£1,225

- 3.06GHz Intel Core 2 Duo
- 21.5-inch glossy widescreen (1,920x1,080 pixels)
- 4GB RAM (2x 2GB DDR3 SDRAM) • 1TB hard drive
- 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • ATI Radeon HD 4670 graphics, 256MB DDR3 memory • 4x USB 2.0 ports; 1x FireWire 800; 1xSD card
- Ships with Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

27-inch 2.66GHz (Quad Core) £1,634

- 2.66GHz Intel Core i5 Quad Core • 27-inch glossy widescreen (2560x1440 pixels) • 4GB RAM (2x 2GB DDR3 SDRAM) • 1TB hard drive • 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • ATI Radeon HD 4850 graphics, 512MB DDR3 memory • 4x USB 2.0 ports; 1x FW 800; 1xSD card; video-in port • Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

Mac mini

Updated October 2009

» DID YOU KNOW THIS?

The high-end Mac mini now offers a 2.53GHz processor, 4GB of RAM and a 320GB hard drive.

2.26GHz 160GB

£510

- 2.26GHz Intel Core 2 Duo
- 2GB RAM (2x 1GB DDR3 SDRAM) • 160GB Serial ATA, 5,400 rpm hard drive
- 3MB shared L2 cache
- NVIDIA GeForce 9400M with 256MB of shared DDR3 SDRAM
- 8x double-layer SuperDrive (DVD+R DL/DVD±RW/CD-RW)
- AirPort Extreme (802.11n)
- 1x FireWire 800 port
- 5x USB 2.0 • Mac OS X Snow Leopard, iLife '09
- Mini-DVI to DVI adaptor

2.53GHz 320GB

£663

- 2.53GHz Intel Core 2 Duo
- 4GB RAM (2x 2GB DDR3 SDRAM) • 320GB Serial ATA, 5,400 rpm hard drive
- 3MB shared L2 cache
- NVIDIA GeForce 9400M with 256MB of shared DDR3 SDRAM
- 8x double-layer SuperDrive (DVD+R DL/DVD±RW/CD-RW)
- AirPort Extreme (802.11n)
- 1x FireWire 800 port
- 5x USB 2.0 • Mac OS X Snow Leopard, iLife '09
- Mini-DVI to DVI adaptor

Mac Pro

Updated
March
2009

Quad-Core
£1,940

- 2.66GHz Quad-Core Intel Xeon • 3GB RAM (3x 1GB DDR3 ECC SDRAM) • NVIDIA GeForce GT 120 with 512MB of GDDR3 with Mini DisplayPort and dual-link DVI video output
- 640GB 7,200rpm Serial ATA 3Gb/s • 18x SuperDrive with double-layer support (DVD+R DL/DVD±RW/CD-RW) • 3x open full-length PCI Express 2.0 expansion slots • 5x USB 2.0; 4x FireWire 800 ports
- Keyboard & Mighty Mouse

8-Core
£2,553

- 2x 2.66GHz Quad-Core Intel Xeon • 6GB RAM (6x 1GB DDR3 ECC) • NVIDIA GeForce GT 120 with 512MB of GDDR3 with Mini DisplayPort and dual-link DVI video output
- 640GB 7,200rpm Serial ATA 3Gb/s • 18x SuperDrive with double-layer support (DVD+R DL/DVD± RW/CD-RW) • 3x open full-length PCI Express 2.0 expansion slots • 5x USB 2.0; 4x FireWire 800 ports
- Keyboard & Mighty Mouse

13-inch 1.86GHz
£1,174

- 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 1.86GHz Intel Core 2 Duo processor • 2GB DDR3 SDRAM • 120GB Serial ATA, 4,200rpm
- Built-in 802.11n Wi-Fi and Bluetooth 2.1 + EDR
- NVIDIA GeForce 9400M with 256MB shared DDR3 SDRAM • Mac OS X Snow Leopard • 1x USB 2.0 port
- Mini DisplayPort
- MagSafe power adaptor

13-inch 2.13GHz
£1,378

- 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 2.13GHz Intel Core 2 Duo processor
- 2GB DDR3 SDRAM • 128GB solid-state drive
- Built-in 802.11n Wi-Fi and Bluetooth 2.1 + EDR
- NVIDIA GeForce 9400M with 256MB shared DDR3 SDRAM • Mac OS X Snow Leopard • 1x USB 2.0 port
- Mini DisplayPort
- MagSafe power adaptor

MacBook Air

13-inch white 2.26GHz
£816

- 13.3-inch glossy widescreen, 1,280x800 pixels • 2.26GHz Intel Core 2 Duo • 3MB shared L2 cache
- 2GB RAM (2x DDR2SDRAM)
- 250GB Serial ATA,5,400rpm
- 8x SuperDrive (DVD±R DL/ DVD±RW/CD-RW) • NVIDIA GeForce 9400M with 256MB shared DDR3 SDRAM
- AirPort Extreme • Built-in iSight video camera
- Bluetooth 2.0

MacBook

13-inch 2.4GHz
£999

- 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels
- 2.4GHz Intel Core 2 Duo 3MB shared L2 cache
- 4GB (2x 2GB DDR3 SDRAM)
- 250GB, 5,400rpm Serial ATA
- SuperDrive 8x (DVD±R DL/ DVD±RW/CD-RW) • NVIDIA GeForce 320M with 256MB DDR3 SDRAM • Precision aluminium unibody
- Mac OS X Snow Leopard and iLife • 1x FireWire 800, 2x USB 2.0, 1x SD card slot

13-inch 2.66GHz
£1,249

- 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels
- 2.66GHz Intel Core 2 Duo 3MB shared L2 cache
- 4GB (2x 2GB DDR3 SDRAM)
- 320GB, 5,400rpm Serial ATA
- SuperDrive 8x (DVD±R DL/ DVD±RW/CD-RW) • NVIDIA GeForce 320M with 256MB DDR3 SDRAM • Precision aluminium unibody
- Mac OS X Snow Leopard and iLife • 1x FireWire 800, 2x USB 2.0, 1x SD card slot

15-inch 2.4GHz
£1,499

- 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels
- 2.4GHz Intel Core i5, 3MB shared L3 cache • 4GB (2x 2GB DDR3 SDRAM) • 320GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/ DVD±RW/CD-RW) • Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 256MB VRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FW 800, 2x USB 2.0, 1x SD card slot

15-inch 2.53GHz
£1,649

- 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels
- 2.53GHz Intel Core i5, 3MB shared L3 cache • 4GB (2x 2GB DDR3 SDRAM) • 500GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/ DVD±RW/CD-RW) • Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 256MB VRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FW 800, 2x USB 2.0, 1x SD card slot

15-inch 2.66GHz
£1,799

- 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels
- 2.66GHz Intel Core i7, 4MB shared L3 cache • 4GB (2x 2GB DDR3 SDRAM) • 500GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/ DVD±RW/CD-RW) • Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 512MB VRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FW 800, 2x USB 2.0, 1x SD card slot

17-inch 2.53GHz
£1,899

- 17-inch LED-backlit glossy widescreen 1,920x1,200 pixels
- 2.53GHz Intel Core i5 3MB shared L3 cache
- 4GB (2x 2GB DDR3 SDRAM)
- 500GB, 5,400rpm Serial ATA
- SuperDrive 8x (DVD±R DL/ DVD±RW/CD-RW)
- Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 512MB VRAM • Mac OS X Snow Leopard and iLife • 1x FireWire 800, 3x USB 2.0, 1x ExpressCard/34 slot

Updated
April
2010

MacBook Pro

What about an iPhone or iPad?

Apple's mobile devices are designed to sync perfectly with your Mac

»DID YOU KNOW THIS?

The iPad works in both portrait and landscape mode. Just turn the device to switch modes. There's also a lock button, so you can fix it to one view, which is useful when reading an ebook.

Both the iPhone and iPad have a touchscreen, come with email and web browsing applications and are capable of running third-party apps that you can get from Apple's App Store. But the iPad isn't simply a bigger iPhone… The iPhone is first and foremost a phone, and unless you buy it on Pay & Go (which makes the device itself much more expensive) you're going to be tied into a phone contract when you buy (which is the same for all mobile phones). If you want all the features of the iPhone, but without the phone part, then consider getting an iPod touch instead (see over the page). If you're looking for a phone then you'll find the iPhone is designed to cover all your data needs while you're on the go, and fits in your pocket.

In contrast, the iPad is a device that sits somewhere between an iPhone and a Mac. It also comes with a 3G data contract option, but that doesn't include phone calls. The only phone calls you can make with it will be digitally, using VoIP apps like *Skype*.

While a lot of people find the iPhone perfectly acceptable for home use, if you just need to check your email or do a quick bit of web surfing then the iPad is positively designed to be used from your sofa. It has built-in Wi-Fi, which means you'll be able to check emails and browse the web on your network at home. Here it would fulfil most of the functions of a laptop Mac, but don't fall into the trap of thinking of the iPad as a replacement for a home computer – it's not. It's fundamentally designed to be an accessory. You're meant to keep your data on your Mac and sync your iPad with it, not the other way around.

The mighty iPhone was the first Apple device to introduce a touch screen with Multi-Touch gestures.

The iPad comes in Wi-Fi and 3G + Wi-Fi versions. The latter comes with an O2 contract.

"Don't fall into the trap of thinking that the iPad is simply a larger iPhone. Apple has created a whole new category of mobile device"

It does have some big advantages over a Mac laptop though. For a start it's pretty much instant on – there's no waiting around for it to boot up. But not only that, it's lightweight, portable and the perfect size to be used as an ebook reader.

The iPhone currently comes in two different versions, the 3G and 3GS. The difference between the two models is that the more expensive 3GS is faster, has more storage, a longer battery life, voice control and a better camera capable of taking video as well as still shots. The iPhone used to be exclusively available on O2 in the UK, but is now also available through Orange and Vodafone.

The iPad comes in three memory sizes, 16GB, 32GB and 64GB, and is available in Wi-Fi or Wi-Fi + 3G versions. The 3G version costs £100 more initially and comes with data plans from either O2, Orange or Vodafone. Prices start at £429 for the 16GB Wi-Fi version, and go up to £699 for the top of the range 64GB Wi-Fi + 3G iPad.

iPad

Launched May 2010

Seven Wonders of the World
Life in the Serengeti
Wildcats Soccer Team Statistics 2010

iPad 16GB

£429 (Wi-Fi)
£529 (Wi-Fi + 3G)

• 9.7-inch (diagonal) LED-backlit glossy widescreen •1024x768 pixels • 1GHz Apple A4 processor • Up to 10 hours surfing on Wi-Fi, watching video or listening to music. • 3.5mm stereo headphone jack •Built-in speaker • Microphone • 242.8x189.7x13.4mm • 68g (Wi-Fi model) •73g (Wi-Fi + 3G) • Requires Mac OS X 10.5.8 or later, USB 2.0 port

iPad 32GB

£499 (Wi-Fi)
£599 (Wi-Fi + 3G)

• 9.7-inch (diagonal) LED-backlit glossy widescreen •1024x768 pixels • 1GHz Apple A4 processor • Up to 10 hours surfing on Wi-Fi, watching video or listening to music. • 3.5mm stereo headphone jack •Built-in speaker • Microphone • 242.8x189.7x13.4mm • 68g (Wi-Fi model) •73g (Wi-Fi + 3G) • Requires Mac OS X 10.5.8 or later, USB 2.0 port

iPad 64GB

£599 (Wi-Fi)
£699 (Wi-Fi + 3G)

• 9.7-inch (diagonal) LED-backlit glossy widescreen •1024x768 pixels • 1GHz Apple A4 processor • Up to 10 hours surfing on Wi-Fi, watching video or listening to music. • 3.5mm stereo headphone jack •Built-in speaker • Microphone • 242.8x189.7x13.4mm • 68g (Wi-Fi model) •73g (Wi-Fi + 3G) • Requires Mac OS X 10.5.8 or later, USB 2.0 port

iPhone

Updated June 2009

8 of 38
Trim
Voice Control
call
play
shuffle
Cancel
315° NW

iPhone 3G 8GB

£349 (Pay & Go on O2)

• Available in black • 3.5-inch widescreen • 320x480 pixels • Wi-Fi (802.11b/g)• Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.0 + EDR Battery lasts up to 24 hours (audio) • Battery lasts up to 7 hours (video) • Battery lasts up to 10 hours (talktime) • 300 hours (standby) • 115.5x62.1x12.3mm • 133g • Requires Mac OS X 10.4.11 or later

iPhone 3GS 16GB

£449 (Pay & Go on O2)

• Available in black or white • 3.5-inch widescreen • 320x480 pixels • Wi-Fi (802.11b/g) • Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.0 + EDR • Photo and video geotagging • Battery lasts up to 30 hours (audio) • Battery lasts up to 10 hours (video) • Battery lasts up to 12 hours (talktime) • 115.5x62.1x12.3mm • 135g • Requires Mac OS X 10.4.11 or later

iPhone 3GS 32GB

£549 (Pay & Go on O2)

• Available in black or white • 3.5-inch widescreen • 320x480 pixels • Wi-Fi (802.11b/g) • Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.0 + EDR • Photo and video geotagging • Battery lasts up to 30 hours (audio) • Battery lasts up to 10 hours (video) • Battery lasts up to 12 hours (talktime) • 115.5x62.1x12.3mm • 135g • Requires Mac OS X 10.4.11 or later

» APPS EVERYWHERE

The iPad, iPhone (and the iPod touch featured over the page) can all install and run apps from Apple's App Store. Many of these apps (like the Facebook app, or *Twitteriffic*) are free, but even the paid-for apps are inexpensive compared to the prices of software for the Mac. However, there's one obvious problem: the iPad has a 9.7-inch 1024x768 pixel screen, while the iPhone has a 3.5-inch 480x320 screen. Obviously, apps designed to run on the iPhone are going to look tiny on the iPad's larger screen. To make them fit, Apple has introduced something called 'pixel doubling'. Every pixel in the app is doubled, so the app becomes twice the size it was before, thus filling the screen (well, pretty much). You also have the option of running the app at its native resolution on the iPad if you prefer, although this can look strange as the app then sits in a sea of blackness. The pixel-doubling approach can make apps look a little bit fuzzy, especially games, but it appears to be a good enough solution for most apps.

Apple is, of course, encouraging developers to design apps specifically for the iPad's larger screen, so if you're an iPad owner look out for iPad-only versions of your favourite apps from the App Store. Not only will they look better than their iPhone originals, but the larger screen size means developers can fit extra controls and features into the interface. That means more fun to be had in games, for example.

Some apps are only be available for the iPad. Apple is starting the ball rolling here by releasing its *iWork* suite (consisting of *Pages*, *Numbers* and *Keynote*) for the iPad only. Conversely, apps that utilise the camera on the iPhone obviously won't work on the iPad. Look out for apps with a + symbol next to their price on the App store. This means the apps will work perfectly on both iPad and iPhone.

Look out for iPad games on Apple's App Store.

Choosing an iPod

There's an iPod for everyone

There's an iPod for every occasion. The shuffle is the perfect iPod to take to the gym with you, thanks to its handy lightweight clip-on case. There's no screen, but VoiceOver technology means you can hear the name of each track. The iPod nano is also lightweight enough for exercise, and features a colour screen, a video camera (but no still shots) and FM radio together with a larger capacity. If you really want to carry all your music around with you then you should opt for the chunkier iPod classic, which has a huge 160GB capacity. It can play videos, but it doesn't come with a video camera.

Finally there's the iPod touch. It's essentially an iPhone, but without the phone part. You can use it to connect to a Wi-Fi network for web browsing, email and more. And of course it runs apps form the App Store, so it's great for games. ●

iPod shuffle

Updated September 2009

iPod shuffle 2GB

£46

- Up to 500 songs
- No ability to display photos or videos
- Available in a range of colours
- No screen
- VoiceOver technology enables iPod to talk to you
- Battery lasts up to 10 hours (audio)
- 45.2x17.5x7.8mm
- 10.7g

iPod shuffle 4GB

£60

- Up to 1,000 songs
- No ability to display photos or videos
- Available in a range of colours
- No screen
- VoiceOver technology enables iPod to talk to you
- Battery lasts up to 10 hours (audio)
- 45.2x17.5x7.8mm
- 10.7g

iPod nano

Updated September 2009

iPod nano 8GB

£118

- Up to 2,000 songs
- Up to 7,000 photos
- Up to 8 hours of video
- Available in silver, black, purple, blue, green, yellow, orange, pink and PRODUCT (RED) • 2.2-inch diagonal screen • 320x240 pixels
- Battery lasts up to 24 hours (audio) or 4 hours (video)
- Includes camera & FM radio
- 90.7x38.7x6.2mm
- 36.8g

iPod nano 16GB

£138

- Up to 4,000 songs
- Up to 14,000 photos
- Up to 16 hours of video
- Available in silver, black, purple, blue, green, yellow, orange, pink and PRODUCT (RED) • 2.2-inch diagonal screen • 320x240 pixels
- Battery lasts up to 24 hours (audio) or 4 hours (video)
- Includes camera & FM radio
- 90.7x38.7x6.2mm
- 36.8g

iPod classic

Now Playing
iPod
Music
Videos
Photos
Podcasts
Extras
Settings
Shuffle Songs
Now Playing
MENU
MENU

Updated September 2009

iPod classic 160GB

£193

- Up to 40,000 songs
- Up to 25,000 photos
- Up to 200 hours of video
- Available in black and silver
- 2.5-inch screen
- 320x240 pixels
- Battery lasts up to 36 hours (audio)
- Battery lasts up to 6 hours (video)
- 103.5x61.8x10.5mm
- 140g

iPod touch

Updated September 2009

iPod touch 8GB

£152

- Up to 1,750 songs
- Up to 10,000 photos
- Up to 10 hours of video
- Available in black
- 3.5-inch screen
- 320x480 pixels
- Wi-Fi (802.11b/g)
- Nike + iPod support
- Battery lasts up to 22 hours (audio) • Battery lasts up to 5 hours (video)
- 110x61.8x8mm
- 120g

iPod touch 32GB

£234

- Up to 7,000 songs
- Up to 25,000 photos
- Up to 40 hours of video
- Available in black
- 3.5-inch screen
- 320x480 pixels
- Wi-Fi (802.11b/g)
- Nike + iPod support
- Battery lasts up to 22 hours (audio) • Battery lasts up to 5 hours (video)
- 110x61.8x8mm
- 120g

iPod touch 64GB

£306

- Up to 14,000 songs
- Up to 50,000 photos
- Up to 80 hours of video
- Available in black
- 3.5-inch screen
- 320x480 pixels
- Wi-Fi (802.11b/g)
- Nike + iPod support
- Battery lasts up to 22 hours (audio) • Battery lasts up to 5 hours (video)
- 110x61.8x8mm
- 120g

Got a new Mac?

then you need to read these…

MIGRATE EASILY FROM YOUR WINDOWS PC!

Mac presents

Switch to Mac

2nd edition

Get started with a new Mac today!

100 PAGES OF HELP & ADVICE

CHOOSE YOUR MAC
› Every new Mac reviewed
› Where to bag a bargain

SWITCH TO OS X
› Migrate from Windows
› Learn keyboard shortcuts

USE YOUR NEW MAC
› Master the iLife apps
› Easily back up your files

IMPROVE YOUR MAC
› Mac OS X tips and tricks
› Common problems solved

Welcome to the Mac!

✓ Simple ✓ Stable ✓ Secure

FREE INSIDE! Complete Switcher Toolkit CD

techradar.com

Future

THE COMPLETE GUIDE TO USING YOUR MAC!

Mac presents

The Essential Snow Leopard Handbook

Mac OS X 10.6

100 PAGES OF INDEPENDENT, JARGON-FREE ADVICE!

Finder Email System Safari Backup

FREE DISC INSIDE Everything you need to get started with a Mac!

Whether you're looking for great advice on buying your first iPhone or you've just switched from PC to Mac we've got you covered!

Packed with beautiful photography and easy-to-understand, authoritative advice, *MacFormat presents* is a series of special issues created by the *MacFormat* team. Each issue covers a specialist Mac subject in its entirety from *iLife* to the iPhone.

Available online at
www.myfavouritemagazines.co.uk/macformatpresents

SUBSCRIBE TODAY AND SAVE 35%

PLUS! Get yourself a powermonkey-classic… the next generation of charger!

To subscribe to *MacFormat* for just £12.72 every 3 months by Direct Debit and get yourself a powermonkey-classic charger as your welcome gift, call 0844 848 2852 quoting reference P115 or subscribe online at: www.myfavouritemagazines.co.uk/mfc/p115

*FOR FULL DETAILS SEE PAGE 30

OVERSEAS SUBSCRIBERS

Flick to page 105 for some fantastic subscription savings!

KEYBOARDS & MICE

Apple Wireless Keyboard

★★★★★

Price: £56 **Reviewed:** Issue 189
Web: www.apple.com/uk
Full review: www.techradar.com/53760
Key specs: 27x11.5x1.43cm; Bluetooth only; 3x AA batteries; requires Mac OS X 10.4.10

⊕ Stunning; wireless; easy to type on; compact
⊖ Needs Mac OS X 10.4.10 to work

"The Wireless Keyboard is superb in every way. It's another design classic from the Apple creative team."

Wacom Bamboo Fun Small ★★★★★

Price: £89 **Reviewed:** Issue 214
Full review: www.techradar.com/637575
Key specs: 1,024 pressure levels; Gestures
⊕ Gesture support, good software bundle
⊖ Expensive

Macally mGlide ★★★★☆

Price: £28 **Reviewed:** Issue 212
Full review: www.techradar.com/619206
Key specs: Wireless operation; small form factor
⊕ Perfect match for your Apple keyboard
⊖ It's a little small

PRINTERS & ALL-IN-ONES

Canon PIXMA MP640

★★★★★

Price: £187 **Reviewed:** Issue 215
Web: www.canon.co.uk
Full review: www.techradar.com/644919
Key specs: Printer (9,600x2,400dpi, 5-ink printing); supports all major memory card formats; on-body printing

⊕ Phenomenal feature package; great print quality
⊖ Weak instructions might confuse newbies

"The mix of stellar print quality and an excellent feature package make the Canon MP640 a great buy."

HP Officejet Pro 8500 ★★★★☆

Price: £235 **Reviewed:** Issue 210
Full review: www.techradar.com/603509
Key specs: Printer/scanner/email; 4,800dpi
⊕ Packed with features; great text printing
⊖ Average photo printing; expensive

Samsung ML-2855ND ★★★★★

Price: £218 **Reviewed:** Issue 221
Key specs: Mono laser printer
⊕ Incredible value to run and great print quality
⊕ Elegant, well-realised text and decent images
⊕ Helpful screen to guide you through problems

DISPLAYS

Apple Cinema Display

★★★½☆

Price: £649 **Reviewed:** Issue 205
Web: www.apple.com/uk
Full review: www.techradar.com/500220
Key specs: 24-inch LED screen, 1,920x1,200, 16.7 million colours, three self-powered USB ports, iSight camera

⊕ Beautiful colour reproduction; impressive sound; oozes quality
⊖ Display stand needs revamping; only for Macs with Mini DisplayPort

"An incredible piece of kit for Macs with a Mini DisplayPort. Screen quality is first rate, with great consistency."

Samsung 2233SW ★★★★½

Price: £169 **Reviewed:** Issue 213
Full review: www.techradar.com/628604
Key specs: Low-cost SyncMaster monitor
⊕ Excellent value for money
⊖ No speakers

Hanns G Hi221DP ★★★★☆

Price: £129 **Reviewed:** Issue 213
Full review: www.techradar.com/500421
Key specs: 22-inch widescreen, 1,680x1,050 res
⊕ A solid performer; good looking
⊖ Terrible built-in audio

SPEAKERS/HEADPHONES

Sennheiser CX 300-II

★★★★★

Price: £25 **Reviewed:** Issue 207
Web: www.sennheiser.co.uk
Full review: www.techradar.com/562193
Key specs: Frequency response 19Hz-21KHz; impedance 16Ω; weight 4g; three sets of cups and carry pouch

⊕ Superb value; great audio at a bargain price
⊖ Slightly flabby bass; there are better buds around, but not at this price

"We can't say it loudly or plainly enough: buy a set of Sennheiser CX 300-II. Accomplished sound, and cheap."

Revo Blok ★★★★½

Price: £175 **Reviewed:** Issue 209
Full review: www.techradar.com/593649
Key specs: Aux input for all recent iPods
⊕ Rich, deep sound; excellent remote
⊖ Not for iPhone; can't sync with Mac

Altec Octiv AIR M812 ★★★★☆

Price: £262 **Reviewed:** Issue 214
Full review: www.techradar.com/638130
Key specs: Wireless; iPod dock; FM tuner; Aux
⊕ Polished, rounded sound; very stylish
⊖ Could play nicer with an iPhone

DIGITAL CAMERAS

Canon EOS 500D

★★★★☆

Price: £570 (body) **Reviewed:** Issue 209
Web: www.canon.co.uk
Full review: www.techradar.com/596771
Key specs: 15.1MP; 4,752x3,168 res; HD recording; card formats: SD, SDHC; file formats: JPEG, RAW

⊕ Increased ISO sensor; HD DV recording; 3-inch LCD
⊖ High price; no external mic socket for video

"If you're happy to pay for the privilege of high-quality movies, this EOS is a great buy."

Olympus µ Tough 8000 ★★★★☆

Price: £255 **Reviewed:** Issue 210
Full review: www.techradar.com/603073
Key specs: 12MP; 5-18.2mm lens
⊕ Waterproof to 10m; shockproof; good wide angle
⊖ Controls are awkward to use

Samsung ST1000 ★★★★½

Price: £235 **Reviewed:** Issue 215
Full review: www.techradar.com/644939
Key specs: OS X 10.4 or later
⊕ Good pics and movies; great GPS
⊖ Too expensive

DIGITAL VIDEO CAMERAS

Samsung VP-HMX 20C

★★★★☆

Price: £375 **Reviewed:** Issue 202
Web: www.samsung.com/uk
Full review: www.techradar.com/528224
Key specs: 2.7-inch LCD; movie capture at 2.1MP and still image at up to 4MP; HD lens delivering 10x optical and 10x digital zoom

⊕ Good screen; lightweight; offers full HD resolution
⊖ Really need to shop around to find affordable price

"This lightweight HD camera captures high-quality video and still images. Its 80GB internal memory is a plus point."

Canon HV30 ★★★★½

Price: £1,000 **Reviewed:** Issue 201
Full review: www.techradar.com/468942
Key specs: HDV; DIGIC II processor; MiniDV/SD card
⊕ Superb stills and video; better than HDD
⊖ Cumbersome to use

Panasonic SDR-S26 ★★★☆☆

Price: £164 **Reviewed:** Issue 207
Full review: www.techradar.com/561668
Key specs: Sensor: 1/8 inch CCD; Compression: MPEG-2
⊕ Small enough to fit in coat pocket
⊖ Files need converting to play on Mac

ROUTERS/NETWORKING

AVM FRITZ!Box 7270

★★★★★

Price: £160 **Reviewed:** Issue 212
Web: www.fritzbox.eu
Full review: www.techradar.com/621127
Key specs: 1x USB 2.0, 4x Ethernet, 1x WAN; 802.11n; modem supports ADSL and ADSL2; integrated DECT base station

⊕ Packed with features, including impressive array of telephony functions
⊖ No simultaneous dual band

"The router's advanced traffic-shaping feature really impressed. An extremely high quality piece of kit."

Iomega Home Media ★★★★☆

Price: £97 **Reviewed:** Issue 207
Full review: www.techradar.com/577291
Key specs: 500GB; 1x Gigabit Ethernet; 1x USB 2.0
⊕ Easy to set up and use; elegant interface
⊖ Can't set up playlists

Billion BiPAC P104 ★★★★☆

Price: £77 **Reviewed:** Issue 207
Full review: www.techradar.com/560834
Key specs: Transfer rate up to 200Mbps
⊕ Great alternative to Wi-Fi
⊖ Bulky, though this is inevitable

STORAGE

My Book Studio II 4TB

★★★★½

Price: £410 **Reviewed:** Issue 212
Web: www.wdc.com
Full review: www.techradar.com/618319
Key specs: 4TB; USB 2.0, FireWire 400/800 and eSATA connectivity; can be reconfigured to different RAID settings

⊕ Four terabytes; triple interface
⊖ Not exactly cheap; chassis is a little flimsy

"Impressive performance and connection for those who need extra space. Pleasantly styled and easy on the eye."

Buffalo Dualie 500GB ★★★★½

Price: £199 **Reviewed:** Issue 220
Full review: www.techradar.com/678951
Key specs: USB 2.0 and FireWire connectivity
⊕ Attractive, robust, space-saving design
⊖ Expensive; drive slows when iPhone docked

Apple Time Capsule 2TB ★★★★☆

Price: £388 **Reviewed:** Issue 213
Full review: www.techradar.com/629850
Key specs: 1x USB 2.0, 3x Ethernet, 1x WAN
⊕ Simultaneous dual band; high capacity
⊖ No built-in modem

VISIT US ONLINE

MacFormat.co.uk is your one-stop shop for all things Apple. You'll find the latest Mac kit and software reviews together with news, analysis and a vibrant forum where you can meet like-minded *MacFormat* readers.

We're on Twitter too!
Subscribe to our Twitter feed to keep up to date with what's going on at *MacFormat* and in the world of Apple. You'll find us at **www.twitter.com/MacFormat**

Orange
08:08
MacFormat - This Week [Enhanc...
This Week for March 22, 2010
Chapter 1 of 38
All your Apple needs
Mac
FORMAT
This Week

DON'T MISS OUR FREE PODCAST!

MacFormat This Week brings you 30 minutes of all the latest news, reviews and tips from the world of Apple every two weeks. Don't miss this resource for all things Mac related!

MacFormat - This Week [Enhanced]
Podcast Description

SIMPLY VISIT THE iTUNES STORE AND ENTER MACFORMAT IN THE SEARCH BOX TO SUBSCRIBE!

HOME OFFICE

Apple iWork '09

★★★★☆

Price: £69 **Reviewed:** Issue 205
Web: www.apple.com/uk
Full review: www.techradar.com/500293
System reqs: G4 (500MHz or faster) processor, Mac OS X 10.4.11 or later, 512MB RAM (1GB recommended)

⊕ Keynote is a market leader, and the rest of the apps are catching up
⊖ Both Numbers and Pages still lack some basic features

"The '09 update sees some good features added and some general improvements. Worth it for Keynote alone."

APP4MAC Twin 1.01 ★★★★★

Price: £25 **Reviewed:** Issue 211
Full review: www.techradar.com/611922
System reqs: Power PC G4, G5/Intel Mac
⊕ Back up to multiple destinations; easy to use
⊖ None

FileMaker Pro 11 ★★★★★

Price: £219 **Reviewed:** Issue 221
Full review: www.techradar.com/683719
System reqs: OS X 10.5.7 or later
⊕ Easy to use; built-in charts; Quick Find
⊖ No image import from Bento

VISUAL TOOLS & LAYOUT

Photoshop Elements 8

★★★★½

Price: £75 **Reviewed:** Issue 215
Web: www.adobe.com
Full review: www.techradar.com/644205
System reqs: Mac OS X 10.4.11 or higher; 1GB hard drive space; 512MB RAM (1GB recommended)

⊕ Great Recompose tool, smart brush for special effects, Scene Cleaner
⊖ Intel-only, interface a little gloomy

"Lots of exciting tools, offering virtually all the controls you need at a truly affordable price."

BeLight Printfolio ★★★★½

Price: £49 **Reviewed:** Issue 208
Full review: www.techradar.com/589659
System reqs: Mac OS X 10.4 or later
⊕ Comprehensive range of user-friendly apps
⊖ Not great at exporting between them

Apple Aperture 3 ★★★★½

Price: £169 (£79 upgrade) **Reviewed:** Issue 220
Full review: www.techradar.com/678985
System reqs: 10.5.8 or later, Intel Mac, 1GB RAM
⊕ Strong export options and raw handling
⊖ No help migrating from Lightroom

SYSTEM UTILITIES

iStat Menus 2

★★★★★

Price: Free **Reviewed:** Issue 215
Web: www.islayer.com
Full review: www.techradar.com/645026
System reqs: OS X 10.5 or later (Version 1.3 is Tiger-compatible, and still available from iSlayer's website)

⊕ Flexible, stable and useful; great date and time; light on resources
⊖ Gradient-happy interface

"Robust, stable and well behaved. An essential Mac add-on, even if you only use a few of its components."

Remo Recover Pro Edition ★★★★½

Price: £135 **Reviewed:** Issue 221
Full review: www.techradar.com/683721
System reqs: OS X 10.4.11 or later, 512MB RAM
⊕ Straightforward interface; media recovery
⊖ Comparatively expensive

AppZapper 2 ★★★★☆

Price: £8 **Reviewed:** Issue 219
Full review: www.techradar.com/671038
System reqs: OS X 10.6
⊕ Good serial manager; completely uninstalls apps
⊖ Free applications do a similar job

MULTIMEDIA SOFTWARE

Apple iPhoto '09

★★★★★

Price: £71 (iLife '09) **Reviewed:** Issue 206
Web: www.apple.com/uk
Full review: www.techradar.com/527969
System reqs: PowerPC G4 or G5, or any Intel Mac; 512MB RAM (1GB recommended); Mac OS X 10.5.6 or later; 4GB HDD space

⊕ Practical tools, new options to export slideshow, Places a useful addition
⊖ Faces could be better, few cameras have GPS

"The new features are great, but there's some room for improvement in the Faces facial-recognition facility."

Apple Logic Studio ★★★★★

Price: £408 **Reviewed:** Issue 213
Full review: www.techradar.com/625541
System reqs: Intel Mac; 1GB RAM; Mac OS X 10.5.7
⊕ Powerful music studio; great tools; good value
⊖ Some minor bugs in the initial release

Anime Studio Debut 6 ★★★★☆

Price: £40 **Reviewed:** Issue 211
Full review: www.techradar.com/611940
System reqs: G4+; 256MB RAM; OS X 10.4
⊕ Excellent features and tutorials
⊖ No texture mapping or lighting

Mac FORMAT

Future Publishing Ltd,
30 Monmouth Street,
Bath BA1 2BW
Tel 01225 442 244
Fax 01225 732 295
macformat@futurenet.com
www.macformat.co.uk
www.twitter.com/MacFormat

EDITORIAL
EDITOR **Graham Barlow**
graham.barlow@futurenet.com
DEPUTY EDITOR **Christopher Phin**
christopher.phin@futurenet.com
REVIEWS EDITOR **Ian Osborne**
ian.osborne@futurenet.com
PRODUCTION EDITOR **Tim Hardwick**
tim.hardwick@futurenet.com
ART EDITOR **Alex Thomas**
alex.thomas@futurenet.com
NEW MEDIA EDITOR **Simon Holland**
simon.holland@futurenet.com

EDITORIAL CONTRIBUTORS
Adam Banks (AB), Christopher Brennan (CB), Laurence Cable (LC), Clem Chambers, Andy Dyer (AD), Jonny Evans (JE), Bill Gallop, Craig Grannell (CG), MacFixIt, Susie Ochs, Steve Paris (SP), Davina Rungasamy, Luis Villazon, Ian Tromp, Matthew Bolton, Alex Cox (AC), Rob Buckley (RB), James King, Mark Wilson (MW), Rachael D'Cruze (RD'C)

ART CONTRIBUTORS
Alamy.com, Apple, Stacey Black, Gizmodo, Future Photo Studio (Simon Lees, Joby Sessions), iStockPhoto.com, MagicTorch, Bill McConkey

MANAGEMENT
GROUP SENIOR EDITOR **Nick Merritt**
CREATIVE DIRECTOR **Robin Abbott**
EDITORIAL DIRECTOR **Jim Douglas**

ADVERTISING
ADVERTISING SALES DIRECTOR **Rob Elms**
rob.elms@futurenet.com
ADVERTISING SALES MANAGER **Charlie Said**
charlie.said@futurenet.com
ACCOUNT MANAGER **Robert Williams**
robert.williams@futurenet.com
ACCOUNT MANAGER **Gary Clarke**
gary.clarke@futurenet.com

{ Want to work for Future?
Visit www.futurenet.com/jobs }

ABC 27,242
Jan-Dec 2009
A member of the Audited
Bureau of Circulations

MARKETING
CAMPAIGN MANAGER
Daniel Bruce daniel.bruce@futurenet.com

CIRCULATION
TRADE MARKETING MANAGER
Stuart Brown stuart.brown@futurenet.com
SUBSCRIPTIONS MANAGER
Joanne Coppin joanne.coppin@futurenet.com

PRINT & PRODUCTION
PRODUCTION CO-ORDINATOR
Charlene Vaughan
charlene.vaughan@futurenet.com
PRODUCTION MANAGER
Rose Griffiths rose.griffiths@futurenet.com
HEAD OF PRODUCTION
Richard Mason richard.mason@futurenet.com

LICENSING
INTERNATIONAL LICENSING DIRECTOR
Tim Hudson tim.hudson@futurenet.com
Tel: + 44 (0)1225 442244
Fax: + 44 (0)1225 732275

FUTURE PUBLISHING LIMITED
PUBLISHING DIRECTOR **Stuart Anderton**
stuart.anderton@futurenet.com
CHIEF OPERATING OFFICER **Simon Wear**
UK CHIEF EXECUTIVE **Robert Price**
CHIEF EXECUTIVE **Stevie Spring**

SUBSCRIPTIONS
Phone: **0844 848 2852**
Web: **www.myfavouritemagazines.co.uk**
Email: **future@subscription.co.uk**

NEXT ISSUE ON SALE...
Wednesday 23 June 2010

Printed in the UK by
Polestar Group on behalf of Future.
Distributed in the UK by
Seymour Distribution Ltd
2 East Poultry Avenue
London, EC1A 9PT
Tel: 0207 429 4000

Future
MEDIA WITH PASSION

Future produces carefully targeted special-interest magazines, websites and events for people who share a passion. We publish more than 170 magazines and websites and 100 international editions of our titles are published across the world.

Future plc is a public company quoted on the London Stock Exchange (symbol: FUTR).

www.futureplc.com

Chief Executive: Stevie Spring
Non-executive Chairman: Roger Parry
Group Finance Director: John Bowman
Tel +44 (0)20 7042 4000 (London)
Tel +44 (0)1225 442244 (Bath)

© Future Publishing Limited 2010. All rights reserved. No part of this magazine may be used or reproduced without the written permission of the publisher. Future Publishing Limited (company number 2008885) is registered in England and Wales. The registered office of Future Publishing Limited is at Beauford Court, 30 Monmouth Street, Bath BA1 2BW. All information contained in this magazine is for information only and is, as far as we are aware, correct at the time of going to press. Future cannot accept any responsibility for errors or inaccuracies in such information. Readers are advised to contact manufacturers and retailers directly with regard to the price of products/services referred to in this magazine. If you submit unsolicited material to us, you automatically grant Future a licence to publish your submission in whole or in part in all editions of the magazine, including licensed editions worldwide and in any physical or digital format throughout the world. Any material you submit is sent at your risk and, although every care is taken, neither Future nor its employees, agents or subcontractors shall be liable for loss or damage.

FSC
Mixed Sources
Product group from well-managed forests and other controlled sources
Cert no. TT-COC-1815
www.fsc.org
© 1996 Forest Stewardship Council

We are committed to only using magazine paper which is derived from well managed, certified forestry and chlorine-free manufacture. Future Publishing and its paper suppliers have been independently certified in accordance with the rules of the FSC (Forest Stewardship Council).

recycle
When you have finished with this magazine please recycle it.

NEXT ISSUE

40 great iLife features

...that you probably don't know about!

Have Mac, will travel

Your guide to travelling with a Mac this summer

Mac FORMAT
ON SALE
Wednesday
23 June 2010

DISCOVER HOW TO...

- Use an iPad or iPhone as a portable hard drive
- Make great movie credits in Keynote
- Record internet radio on your Mac

ALL THIS AND MORE!

Contents subject to change

CLASSIFIEDS

To advertise call Richard Jewels on **020 7042 4265**
or email: **richard.jewels@futurenet.com**

>> PRINT AND MEDIA SERVICES

SONOS

All the music you want.
All over your house.

The Sonos Multi-Room Music System lets you play any song, in any room and control it all wirelessly from the palm of your hand.

For more information or to order
01782 563999
sales@slelectrotech.co.uk
www.slelectrotech.co.uk

Spares & Repairs
MacBook • MacBook Pro • PowerBook • iBook • iMac

- Repair service with nationwide collection
- Faulty Macs bought, collected & recycled
- New & used spare parts for trade or DIY
- Web store with next day delivery

online parts store
££ for dead macs
recycling macs
repair service

Superdrives • Logic Boards • LCDs
Hard Disks • UK Keyboards • Tools
Chargers • Batteries • DC boards
Case Screws • Cases • Key Caps
Internal Cables • Fans • Memory
Modems • Drive cables • Inverters

PARTS NOW IN STOCK

main dealer for ...
newertech

thebookyard.com
0151 291 6240
info@thebookyard.com

Broken iPhone?

We are iPhone Repairs & Spares LTD

Dedicated specialists for the Apple iPhone

All iPhone models repaired
12 months warranty on all repairs
Fast turn around
Parts avaliable for DIY repairs
Drop in service avaliable
iPhone sales
iPad repairs coming soon...

5 Minute Screen Repairs!
Bring your iPhone 3G / 3GS to us and we will repair within 5 minutes

Broken screens
Audio faults
Signal issues
Power problems
Unlocking
Batteries replaced
Liquid damage
Insurance appraisals

iPhone 24ct Gold plating Now avaliable!

We are based in Admirals Offices, The Historic Dockyard, Chatham, Kent, ME4 4TZ

5% discount on all iPhone spare parts ordered from our website www.pda-spares.co.uk. Coupon code: macf5

Tel: 0871 789 0379
Web: www.iphone-repairs.co.uk
Email: service@iphone-repairs.co.uk

MacFormat
All your Apple needs

Join us online

Visit **www.macformat.co.uk** to read the latest blogs and Apple news or follow our tweets at **twitter.com/MacFormat**

>> REPAIRS AND SUPPORT

Certified Technician

londonmac

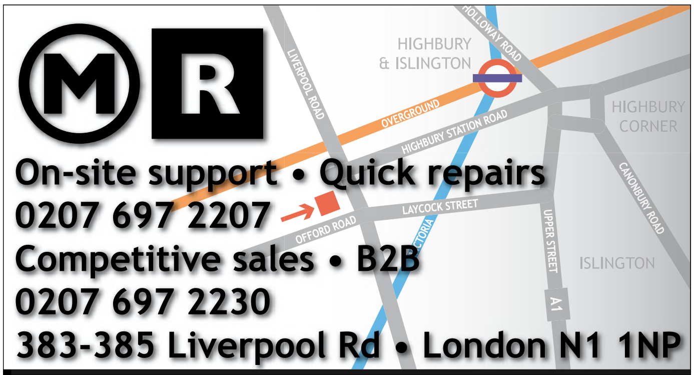
Apple Macintosh computers and iPods service and repairs

Apple Mac hardware repairs
Hardware & software upgrades
Software troubleshooting
System installation
Data recovery and backup
iPods upgrades and repairs

0845 619 90 09
www.londonmac.com
hello@londonmac.com
71 Clerkenwell Road
London EC1R 5BU

MacFormat
All your Apple needs

MR



On-site support • Quick repairs
0207 697 2207
Competitive sales • B2B
0207 697 2230
383-385 Liverpool Rd • London N1 1NP

Authorised Service Provider

APPLE RESELLERS

Apple Sales & Support

In a town near you...

If you need somewhere to purchase or repair your Apple Products then you can find your local dealers here...

For advertising opportunities in this section call Richard Jewels on 0207 042 4265

KEY TO THE REGIONS
🟪 Scotland 🟦 The North
🟪 Midlands 🟨 Wales 🟪 The East
🟥 London 🟩 South West 🟩 Eire

LONDON

MacAid

75 Mersey Road, London E17 5LA
Tel: 0800 4488 721 **Email:** info@macaid.co.uk
URL: http://www.macaid.co.uk

- On site support for Home and Business users
- Remote access assistance
- Internet and Network set up
- Application & OS X Tutorials
- Troubleshooting & Problem Solving
- Data Recovery

MacAid
Mac Support for London

LONDON

Albion

London • Basingstoke • Tunbridge Wells
Tel: 0207 212 9090 **Email:** sales@albion.co.uk
URL http://www.albion.co.uk

Albion are a leading Apple Premium Reseller and Authorised Service Provider with over 20 years experience. Specialising in the integration of Mac and Windows systems; care & support and Internet/network solutions, they are the **UK's Education and Business I.T. Solutions Expert.**

Albion

Premium Reseller

Mac FORMAT
All your Apple needs

To advertise in the UK's best selling Mac magazine call Richard Jewels on 020 7042 4265 or email richard.jewels@futurenet.com

LONDON

PCM Technologies Limited

45 Borthwick Road, Stratford, London E15 1UE
Tel: 020 8519 4497 **Fax:** 020 8519 1429
Email: sales@pcmtec.co.uk

Covering London, South-East & Midlands, PCM offers a personal service covering a broad spectrum of Macintosh and cross-platform support areas, including remote desktop support and exchange server integration.

pcm
TECHNOLOGIES LTD

MIDLANDS

SL Electrotech

Unit 6 Loomer Road, Chesterton,
Newcastle-under-Lyme, Staffs, ST5 7QQ
Tel: 01782 563999 **Fax:** 01782 564127
URL: http://www.slelectrotech.co.uk

- Apple Authorised Service Provider & Reseller
- Fast Turnaround • On-Site & Workshop repair services
- Helpdesk & Remote Support • Showroom
- Konica- Minolta Business Solutions • SONOS Music Systems

THE NORTH

Jennings Computer Services

Scarborough - Tel: 01723 374196
York - Tel: 01904 796580
Email: Sales@jcsltd.co.uk
URL: http://www.jcsltd.co.uk

- Authorised Apple Reseller & Service Centre
- Apple Warranty Repair & Out of Warranty Repair
- Troubleshooting, Fault Finding & Upgrades
- Installations, Networks, Email Solutions • Educational Specialists • Expert Support & Technical Assistance
- Mac Training • Buy Online, Email us or give us a call.

Jennings
COMPUTER SERVICES LTD

NATIONWIDE

Cancom

Brighton, Cambridge, Edinburgh, Guildford, Kensington
Tel: 0845 6863500 **Email:** emma@cancomuk.com
URL: http://www.cancomuk.com

• Europe's largest Apple Reseller • Apple Solutions Expert in Education • Authorised Apple Service Provider • Consultancy and Support • Knowledgeable B2B/Mail order team • Configure your Mac on our advanced website • Competitive pricing • Stores in Brighton, Cambridge, Edinburgh, Guildford and Kensington.

CANCOM

PARTS, SPARES AND ACCESSORIES

MacBarcoda Version 4.2 Just Released!

- high quality barcode creator
- all the popular barcode types
- saves EPS, PDF, TIFF or JPEG
- Fully compatible with Leopard

www.computalabel.com
sales@computalabel.com

MBC4

Visit www.computalabel.com to buy the software, upgrade from a previous version or buy individual barcode files for as little as £4.25 each!

Computalabel International

PO Box 8867, Leicester LE21 3DA Tel: 0116 270 0881 Fax: 0116 270 4427

Get cash for your old Mac!

Payment within 5 days!
We pay up to **£1,500** for a used Macbook or Mac desktop!
FREE Valuation @ www.trading4u.com/mac

vis

Mac Repairs & Parts
01189 88 66 33
visparts.com

Mac FORMAT
All your Apple needs

The Uk's best selling Mac magazine

refuelled.com™
WHERE DESIGNERS COME TO FILL UP

- **Fast Service**
- **Massive Range**
- **Great Prices**

Design Software
Hardware & Peripherals
Wacom Graphic Tablets
Built NY Laptop Sleeves
Input Devices
Colour Management Tools
Crumpler Bags & Cases
CAD Software
Monitors & Graphics Cards
Pantone Colour Books
Apple Accessories
Professional Art Materials

www.refuelled.com

WACOM | CRUMPLER | BUILT NY | APPLE | FORMAC | PANTONE
DATACOLOR | NEC | ATI | ADOBE | 3DCONNEXION

Mac User Groups

Find fellow Mac enthusiasts near you! Here's a list of the UK & Ireland MUGs

[1] Aberdeen MUG
Aberdeen
davidjearly@mac.com
www.abdnmug.co.uk

[2] Bristol & Bath MUG
Bath
info@bbmug.co.uk
www.bbmug.co.uk

[3] Berkshire & North Hampshire MUG
Reading area
i.j.burn@reading.ac.uk

[4] Blackburn MUG
Blackburn
info@bmug.co.uk
www.bmug.co.uk

[5] Bracknell Forest MUG
Bracknell, Berks
office@bfmuguk.org
www.bfmuguk.org

[6] ClubMac Ireland
Dublin
secretary@clubmac.ie
www.clubmac.ie

[7] Cork University College
Cork
d.murphy@cs.ucc.ie
www.ucc.ie/mug

[8] Cumbria Mac Enthusiasts
Barrow-in-Furness
contact@macenthusiasts.co.uk
http://www.macenthusiasts.co.uk

[9] Deaf Mac Users
Website group for the hard of hearing
nick@sturley.co.uk
http://tech.groups.yahoo.com/group/deaf-macs/

[10] Durham University MUG
Durham
durmac@durham.ac.uk
www.dur.ac.uk/durmac

[11] Edinburgh MUG
Edinburgh
admin@edmug.org.uk
www.edmug.org.uk

[12] Exeter MUG
Exeter
examug@mac.com
www.examug.org.uk

[13] FAMUS (Fife)
Kirkcaldy
davidwlaw@btinternet.com
www.fifedirect.org.uk/famus

[14] Glasgow MUG
Glasgow
glas.mug@mac.com
www.glasmug.com

[15] Harlech MUG
South Snowdonia
ian@climb8.com

[16] Isle of Wight MUG
Isle of Wight
admin@iowaug.org.uk
www.iowaug.org.uk

[17] Kent & East Sussex MUG
Kent
www.kesmug.org

[18] London MUG
London
secretary@lmug.org
www.lmug.org.uk

[19] MACUS (Manchester)
Manchester
davjaeger@macunlimited.net

[20] Midlands MUG
Birmingham
group@mmug.org.uk
www.mmug.org.uk

[21] Northern Ireland MUG
Belfast
matt@nimug.org

[22] North West Mac Group
Near Warrington
info@nwmug.co.uk
www.nwmug.co.uk

[23] Norwich MUG
Norwich
norwichmacusergroup@mac.com

[24] Oban MUG
Oban
obanmug@mac.com

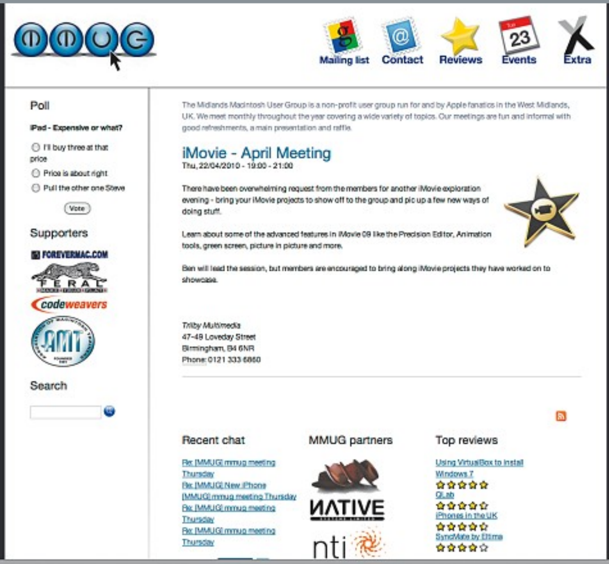
[25] OxMUG
Oxford
www.oxmug.org

[26] Potteries MUG
potmug@mac.com
www.potmug.com

[27] Severn MUG
South West
admin@s-mug.com
http://s-mug.com

[28] Southampton Uni
Southampton
trf.106@soton.ac.uk

MUG OF THE MONTH / Midlands MUG



Poll

iPad - Expensive or what?

○ I'll buy three at that price
○ Price is about right
○ Pull the other one Steve

Vote

Supporters

Search

The Midlands Macintosh User Group is a non-profit user group run for and by Apple fanatics in the West Midlands, UK. We meet monthly throughout the year covering a wide variety of topics. Our meetings are fun and informal with good refreshments, a main presentation and raffle.

iMovie - April Meeting
Thu, 22/04/2010 - 19:00 - 21:00

There have been overwhelming request from the members for another iMovie exploration evening - bring your iMovie projects to show off to the group and pic up a few new ways of doing stuff.

Learn about some of the advanced features in iMovie 09 like the Precision Editor, Animation tools, green screen, picture in picture and more.

Ben will lead the session, but members are encouraged to bring along iMovie projects they have worked on to showcase.

Trilby Multimedia
47-49 Loveday Street
Birmingham, B4 6NR
Phone: 0121 333 6860

Recent chat
Re: [MMUG] mmug meeting Thursday
Re: [MMUG] New iPhone
[MMUG] mmug meeting Thursday
Re: [MMUG] mmug meeting Thursday
Re: [MMUG] mmug meeting Thursday

MMUG partners

Top reviews
Using VirtualBox to install Windows 7 ★★★★★
QLab ★★★★☆
iPhones in the UK ★★★★☆
SyncMate by Eltima ★★★★☆

As you'd expect, there's a vibrant community of Mac users in the Midlands, and they're all brought together under the banner of the Midlands Macintosh User Group (**http://mmug.org.uk**). The group meets monthly and each meeting contains a presentation on a Mac topic, refreshments and a raffle. For example, the April meeting was an *iMovie* exploration evening, with members being invited to bring along their *iMovie* projects for help and advice on making them better. Annual membership is £20 a year (£12 students/unwaged).

[29] South Essex MUG
Wickford, Essex
chairman@seal-apple.co.uk
www.seal-apple.co.uk

[30] South Wales MUG
Cardiff
swmug@applewiz.biz
www.swmug.org.uk

[31] Sneem MUG
Sneem
sean@smug.ie
www.smug.ie

[32] Stroud Mac User Group
Stroud
jmuy@aol.com

[33] Suffolk Mac User Group
Ipswich
mike@mikekwasniak.co.uk
suffolkmacusergroup.co.uk

[34] Swindon MUG
Swindon
swindonmacusergroup@googlemail.com
http://swindonmacusergroup.googlepages.com

[35] Surrey MUG
Surrey
monigmagr@mac.com

[36] Three Counties MUG
Luton, Bedfordshire
info@3cmug.co.uk
www.3cmug.co.uk

[37] Tunbridge Wells MUG
Tunbridge Wells, Kent
christo.skelton@gmail.com
http://twmug.org.uk/

[38] Wessex MUGs
Fareham, Dorchester, Bournmouth & Salisbury
enquiries@wamug.org.uk
www.wamug.org.uk

[39] Yorkshire MUG
Doncaster & other towns
ymug@mactalk.info
www.ymug.org

NEW STARTER

START YOUR OWN MUG

If you're planning on starting up a new MUG in your area, or you have recently set one up, let us know and we'll print the details here. Email **macformat@futurenet.com**

Onthedisc

>FULL SOFTWARE >EXCLUSIVE DEMOS >ESSENTIAL SHAREWARE >READER OFFERS

>>RAPIDWEAVER PLUG-IN

RapidCart 1.0.15

eCommerce for RapidWeaver sites

RapidWeaver is the WYSIWYG web editor by RealMac Software that makes website creation easy. But if you think that means it's unsuitable for setting up an online business, think again. Generating slick and fully customisable shopping carts for your website is a piece of cake with this ingenious little plug-in for *RapidWeaver 4* and above. Some of the superb features include the ability to create a simple payments system, enabling you to include support for Paypal in addition to receiving up to 18 different currencies. It's also possible to incorporate different percentages for individual tax rates, which can save on accounting headaches. One-off promotional prices for boosting sales can also be started with ease.

>>TWITTER CLIENT

Twit Menulet 6

Join the micro blogging revolution

While Twitter's concept doesn't sound like a very captivating one – write 140-character messages for all who follow you to read – it's really taking off in a big way. So save yourself the time of logging into your account by reading your tweets right on your desktop. *Twit Menulet* fits into OS X's menu bar, displaying your tweet stream throughout the day as a scrolling ticker. So why not join the craze and follow your favourite celebrities. *MacFormat* even has an account that you can keep tabs on at http://twitter.com/macformat. Go on, get following!

Upgrade to Twit Menulet 7

To get a 33% discount on the latest *Twit Menulet*, email orders@twitmenulet.com and mention *MacFormat*.

>>BRAIN TEASER

Sudoku Epic 4

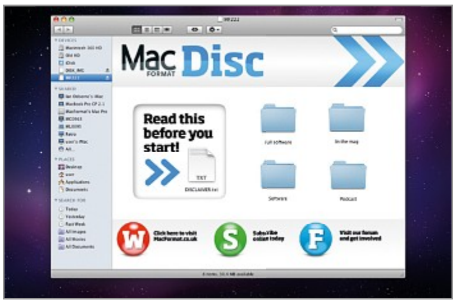
Number puzzles for the masses

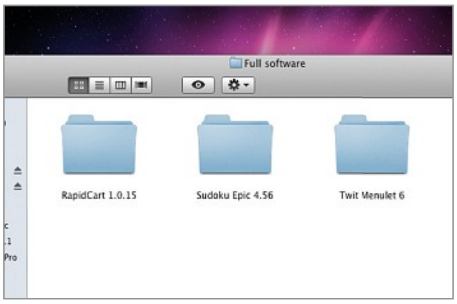
A standard Sudoku game's objective is to fill a 9x9 grid with numbers so that each column, row and 3x3 sub-grid contains the digits one to nine. Sound simple? Then try this game – it's sure to give your grey matter a thorough workout. Billions of Sudoku puzzles are available at various difficulty settings and different-sized boards between 4x4 and 16x16. And don't worry – tips are available if you become genuinely stuck. Not only that, you can enter puzzles from your favourite newspaper and solve them, or even see the solution.

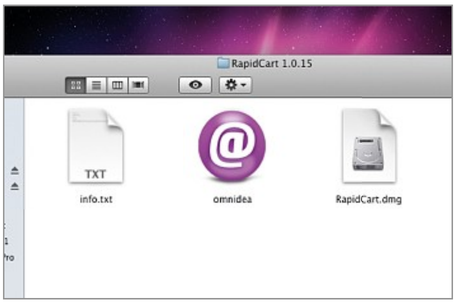
Purchase other Kristanix Games titles

Take 20% off the price of the company's entire range using the discount code MF2083 at www.kristanix.com.

>>HOW TO / Install the programs on your disc


Mac Disc
FORMAT
Read this before you start!
DISCLAIMER.txt
Full software
In the mag
Software
Podcast
Click here to visit MacFormat.co.uk
Subscribe online today
Visit our forum and get involved





01 Loading the disc

Once you've inserted the disc in your Mac's optical drive and clicked on the disc icon to display its contents, you'll be greeted with this folder. Please make sure you read the disclaimer text file before you progress.

02 The software

Navigate through the folders as you would those on your hard disk. Using the *Finder*, click on the names that correlate with the magazine sections and you'll be greeted with folders for each of the applications.

03 Getting the apps

Each software folder will house at least three icons. The first is an info text file where you can read more about the product. Then comes a webloc site link and, finally, the app itself. Drag it to your desktop to open. ●

ON THE DISC

MacFORMAT Disc

>>HAVING PROBLEMS?

For further help email **support@futurenet.co.uk** or call our support team on **01225 822743**. If you have comments please email to Simon Holland, New Media Editor, at **simon.holland@futurenet.com**

Three full programs plus widgets, tutorials, reviews and freeware

FULL SOFTWARE

RapidCart 1.0.15
Sudoku Epic 4.56
Twit Menulet 6

IN THE MAG

Group Test
iCalamus 1.20
iStudio Publisher 1.1.2
Scribus 1.3.5
Swift Publisher 2.3.2
Main feature
Album Artwork Assistant 2.9
Bowtie 1.1
I Love Stars 3.3
iTunes Preference Pane 1.1
iTunesMenu 0.4
QandA
1Password 3.1.2
iAntiVirus 1.3.6
SpamSieve 2.8.1
Reviews
Postbox 1.1.4
Thoughts 1.0.2
Shareware reviews
ClickToFlash 1.6b9
MacTubes 2.6.1
QuickTubePlayer 1.0.1
Witch 3.0
Tutorials
Boxee 0.9.20.10708
DiscRotate 0.4
DockDoctor 1.2
Ecoute 1.3.6
Encrypt Mail 1.0
Flip4Mac WMV Player 2.3.2.6
Floola 5.7
Fluke 0.2.5
HandBrake 0.9.4
iGlasses 2.1.3

MacFORMAT
ISSUE 222 / Summer 2010

MISSING YOUR DISC?
If your disc is missing, email **support@futurenet.com** or phone 01225 822743

IOXperts WebCam Driver X 1.1
iSync plugins 7.1.2.7
MacScan 2.7
MacTheRipper 2.6.6
MagicPrefs 1.8.2
NTFS for Mac OS X 8.0
Perian 1.2.1
RipIt 1.4.3
RoadMovie 1.9.1
Senuti 1.1.7
Smart Trash 1.1.5
SynergyKM 1.0b7
TotalFinder 0.8.3
USB Overdrive X 3.0.1
Xiph QuickTime Components 0.1.9

PODCAST

5th April 2010
21st April 2010

SOFTWARE

Recommended
RapidCart 2.5.0
Twit Menulet 7.2
Top freeware
BlackFire 1.2.4
CornerClick 0.9
Demeter 1.5
DiskWave 0.2.1.81
Economix 3.1.0
GoldenMeanGrid 1.0
IceClean 3.4.2
Keywurl 1.4b8
MultiBrowser 1.0.0
SmillaEnlarger 0.9.0

Widgets
BBC News Widget 3.3
DeepSleep 1.5
NASA EDGE 1.0
Timetable 1.0

>>FINDING A SERIAL CODE

With the new interface comes a slight adjustment in your route to full product activation. The majority of this software will still require you to register online for activation. But now, you'll need to double-click the webloc '@' icon.

Future Technology coverdisc

This disc has been thoroughly scanned and tested at all stages of production, but - as with any new software - we still recommend that you run a virus checker before use. We also recommend that you have an up-to-date backup of your hard disk(s) before using this disc.

Future Publishing cannot accept responsibility for any disruption, damage and/or loss of data to your data or computer system that may occur while using this disc, or the programs and data on it. We advise that you consult your network administrator before installing software on a networked Mac.

Coverdisc problems

If you are having difficulties using the *MacFormat* disc interface or its content, please visit our reader support website at www.futurenet.co.uk/support. On this regularly updated website, you'll find solutions to numerous commonly reported problems. If, after reading these, you are still experiencing difficulties, then please email our reader support team (support@futurenet.co.uk) or phone 01225 442244 and ask for coverdisc support.

Please note that we can only provide technical support for the installation of software. Unfortunately, we cannot give in-depth help on the applications, or on your hardware or operating system. For software support-related issues, please contact the relevant product's developers. We regret that are unable to provide serial numbers over the phone.

Please also note that Future Publishing can only provide technical support for this disc for a period of six months after this magazine's on-sale date.

Interface

- Interface requires OS X.
- Some programs may require free registration over the internet or phone.
- Some software may not be available in all territories.
- Where relevant, program values quoted are prices when sold with original packaging and manuals.

Future MEDIA WITH PASSION
COMPACT disc
Made in the EU
MAC222 DISC

© Future Publishing 2010
Not to be sold separately

FROM THE MAKERS OF musicradar.com Guitarist Total Guitar GuitarTechniques COMPUTER music FutureMusic RHYTHM
FOR THE MUSICIAN IN **YOU**

The London Music Show is the UK's biggest and most inspirational event for anyone with a passion for making or playing music. All abilities. All genres.

Guitars | Drums | Sound technology | Music production | Unplugged | See top live acts | Meet iconic musicians | Learn new techniques | Buy the latest gear | Demo the coolest kit | Beginners' workshops | Exclusive masterclasses | 100s of exhibitors | 1000s of products

EXCITING | INTERACTIVE | UNMISSABLE
www.londonmusicshow.com

Bringing music to life

London Music Show 2010
8-10 October / ExCeL London

solutions inc.

Premium Reseller

Buy an iMac

Choose £50 of accessories for free

This offer is exclusive to Solutions inc. stores.

Brighton • Guildford • Bournemouth • Chichester

www.**solutions-inc**.co.uk/**imacoffer**

email imacoffer@solutions-inc.co.uk or
call 01273 200812 (mon-fri 9-5:30) for more informaiton

Offer expires 04/06/10.